

Catalogue

Acrylic colors for models and miniatures

Colores acrílicos para modelismo



January 2016



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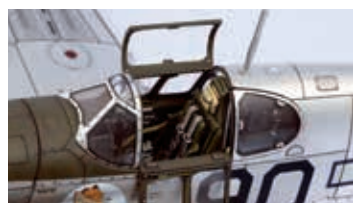
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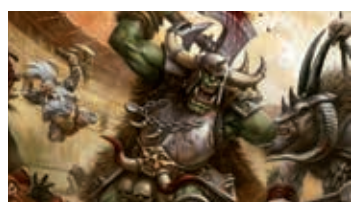
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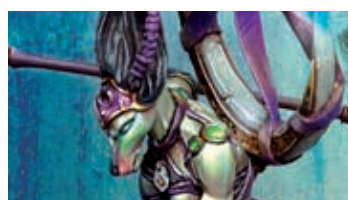
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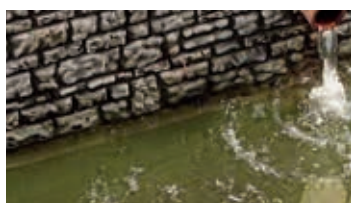
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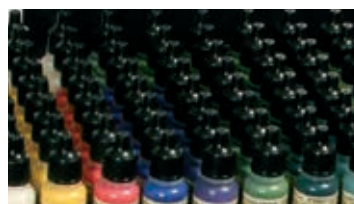
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All colors in our catalogue conform to ASTM D-4236 standards and EEC regulation 67/548/CEE, and do not require health labelling.

Todos los colores en nuestro catálogo están conformes con las normas ASTM D-4236 (American Society for Testing and Materials) y con la normativa Europea 67/548/CEE.



Conform to
ASTM D-4236
and
EEC regulation
67/548/CEE

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Due to the printing process, the colors reproduced in this catalogue are to be considered as approximate only, and may not correspond exactly to the originals.

Debido a la impresión en cuatricromía, los colores en este catálogo pueden variar de los colores originales, y su reproducción es tan solo orientativa.

Description of the symbols:
Descripción de los símbolos:

- Instrucciones / Instructions
- Producto Nuevo / New Product
- Gama Básica / Basic Range
- Gama Militar / Military Range

Introduction

EN The Vallejo Company was established in 1965, in New Jersey, U.S.A. In the first years the company specialized in the manufacture of Film Color, waterbased acrylic colors for animated films (cartoons). In 1969 the company moved to Spain; in those years many important cartoon studios were based in Europe. The special qualities and unique formula of Film Color soon became known, and the product was used by most of the important studios on the continent.

In 1972 Amadeo Vallejo developed Acrylic Artist Color, the first acrylic for fine arts manufactured in Spain, and one of the first acrylic colors for artists produced in Europe. In this period, Vallejo also introduced Liquid Watercolor-colors for graphic design.

In the year 1981, following suggestions by professors of the Fine Arts University of Barcelona, Vallejo presented Acrylic Studio- a range of high quality acrylic colors for fine arts in large size packaging (200 and 500ml. sizes, the first such presentation in artist colors worldwide) at a reduced and unified price. With this range, a result of the most careful selection of permanent artist pigments, avoiding the most expensive colors, such as cadmiums and cobalts, Vallejo created the line of colors which was to become a benchmark for the industry and the

“The experience and knowledge accumulated in the elaboration of artist colors over the last 45 years is the most valued asset of our company”

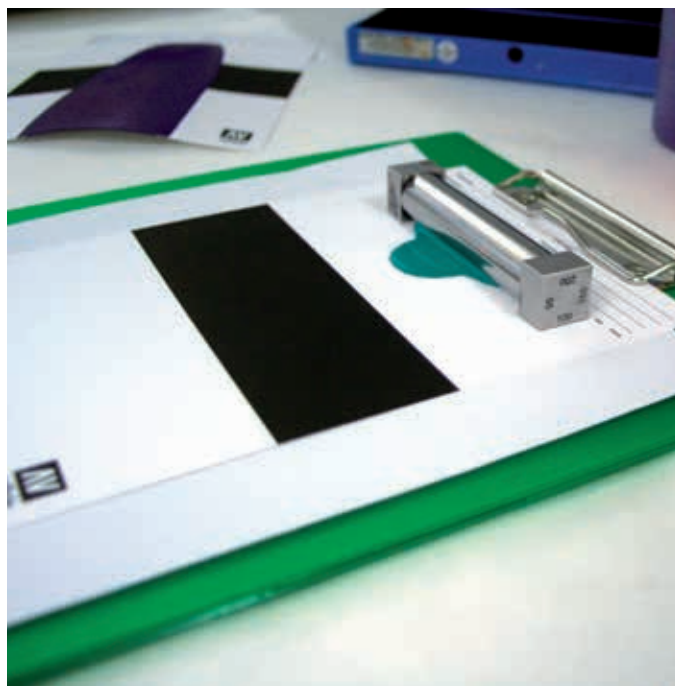
Amadeo Vallejo Díez

beginning of a new period of expansion for Acrylicos Vallejo.

The growing popularity of waterbased acrylic colors became of interest to airbrush artists, until then working with solvent based products. With the help of these artists during the periods of trial and testing, Vallejo formulated the first acrylic colors for airbrushing in 1986. In the following years, the company began developing a range of colors-Model Color- for hobby and model-painters, as well as complete lines of colors and auxiliary products for decorative arts.

Acrylicos Vallejo still is a family company, and Amadeo Vallejo continues to supervise the development of new products, supported now by a technical department dedicated to investigation and development. The testing of new products and formulations in the chemical industry is a constant process and Vallejo takes pride in the constant aim to improve the quality and presentation of the colors and to continue offering products with exceptional quality to all artists. Since the beginning in the seventies until today, the company has extended its installations several times, starting in a garage of 30 square meters, then moving to a warehouse, and finally expanding to the actual installations in 3 industrial buildings, divided into raw material storage, manufacturing and stock sections.

At present Acrylicos Vallejo exports to more than 55 countries, and the AV colors comply with all the security and environment regulations in force in the European Common Market and the United States. More information is available in the (MSDS) security sheets of our web page or can be requested at info@acrylicosvallejo.com.



Introducción



ES La empresa Vallejo se constituyó en el estado de New Jersey, EE.UU. en otoño de 1965. En los primeros años se especializó en la fabricación de colores acrílicos para dibujos animados. En 1969 la empresa se traslada a Barcelona y continua produciendo la gama de colores Film Color. Las excepcionales características de formulación de esta gama de colores las convierten en imprescindibles en los más importantes estudios de animación ubicados en Europa. En 1972 Amadeo Vallejo desarrolla la gama de colores Acrylic Artist's Color, el primer acrílico para bellas artes fabricado en España y uno de los primeros colores acrílicos para artistas producido en Europa. Pocos meses después, se inicia la producción de la gama Acuarela Líquida, colores para diseño e ilustración.

“La experiencia y el conocimiento acumulado en la elaboración de colores para artistas en estos últimos 45 años es el activo más valioso de nuestra empresa”

Amadeo Vallejo Díez

En el año 1981, atendiendo la petición de varios profesores de la Facultad de Bellas Artes de Barcelona, Vallejo desarrolla la gama de colores Acrylic Studio. El objetivo de esta gama de colores es proporcionar a los artistas una gama de colores acrílicos de óptima calidad, con pigmentos seleccionados en función de su máxima permanencia, a un precio único y comercializado en grandes formatos. En aquellos años fue una presentación revolucionaria e innovadora en el ámbito artístico español. Con la presentación de la gama Acrylic Studio se inicia una nueva época de expansión de nuestra empresa y el concepto de ésta gama de colores para artistas se convertirá, décadas después, en una categoría de productos de referencia para la industria.

En el año 1986 presentamos la primera gama de colores acrílicos para aerografía. A principios de la siguiente década formulamos las primeras series de colores específicos para los aficionados al Modelismo y las Artes decorativas. Nuestra empresa continua siendo de carácter familiar, Amadeo Vallejo supervisa el desarrollo de nuevos productos con el soporte de nuestro departamento técnico encargado de investigación y desarrollo. Seguimos elaborando nuestros colores en pequeños lotes con la misma filosofía “mejorar las cualidades de nuestros colores para seguir ofreciendo a todos los artistas productos de excepcional calidad”.

Desde los años 70 hasta el presente la empresa ha ampliado sus instalaciones en varias ocasiones, desde el primer garaje de 30 m2 en el cual se elaboraban las primeras partidas de colores hasta nuestras actuales instalaciones que cuentan con más de 3500 m2. Hoy en día, Acrylicos Vallejo es el primer especialista a nivel mundial en colores acrílicos para modelismo ofreciendo a nuestros clientes la más completa selección de gamas de colores y complementos para este sector. Actualmente los productos de Vallejo se exportan a más de 55 países y nuestros colores cumplen con las exigentes normativas de seguridad y medio ambiente vigentes en la Comunidad Europea y Estados Unidos. Para mayor información pueden consultar las hojas de seguridad disponibles en nuestra pagina web o pueden requerir más información a través de nuestra dirección de correo electrónico info@acrylicosvallejo.com.





Model Color

218 acrylic colors, very highly pigmented, formulated for models and miniatures. Indicated for all surfaces.

218 colores acrílicos permanentes, de muy alta pigmentación, para maquetas, miniaturas y modelismo. Aptos para todas las superficies.

EN The colors brush on smoothly, and cover large surfaces easily without showing brushstrokes. Their texture makes them equally perfect for minuscule details or miniature artwork. All the shades dry to a mat and opaque finish except for the metallic and transparent colors.

The transparent colors render a brilliant finish, tint the surface but do not hide woodgrains or other characteristics. On models, they are applied directly for headlights and signal lights; diluted with Mat Medium, these colors are ideal for tinting airplane or car windows (smoked glass). The application of a coat of transparent color over the same mat color gives an extra brilliant special effect.

Model Color can be diluted with water, and all colors can be mixed with one another. The product does not contain solvents and is not inflammable. Colors do not contain lead pigments, nor ingredients harmful to health. Errors can be corrected immediately with water, or with a small amount of alcohol. Once the paint has dried, it is waterproof and permanent.

Packaging:

Bottles of 17 ml. with eyedropper. This packaging prevents the paint from evaporating and drying in the container. It can be used in minimal quantities and preserved for a long time.

ES Los colores se extienden fácilmente tanto para cubrir grandes superficies como para trazar los detalles más finos. Todos los tonos excepto los metalizados y transparentes son mates y opacos. Los colores transparentes proporcionan un acabado brillante, y no ocultan las vetas o características de la superficie pintada. Se aplican directamente para luces y faros, y diluidos con medium mate para los vidrios de aviones y coches. La aplicación de un color transparente sobre el mismo tono en mate proporciona un efecto brillante especial.

Esta pintura acrílica se puede diluir con agua, y todos los colores se pueden mezclar entre sí. Model Color no contiene disolventes y no es inflamable. No contiene pigmentos nocivos ni ingredientes dañinos a la salud. Los errores se pueden corregir inmediatamente con agua, o con un poco de alcohol. Una vez seca la pintura, es impermeable y permanente.

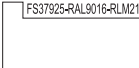
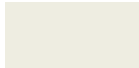
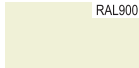
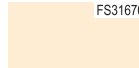
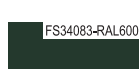
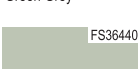
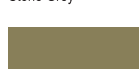
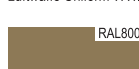
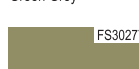
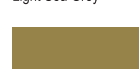
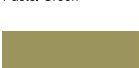
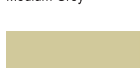
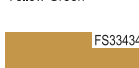
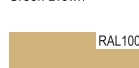
Presentación:

En frascos de 17 ml. con cuentagotas. Esta presentación evita la evaporación de la pintura y el secado dentro del frasco. Se pueden utilizar cantidades mínimas y conservar el contenido del frasco durante mucho tiempo.



Model Color

COLORES MATES / MATT COLORS

 70.951 ★ ● 1 Blanco White	 70.919 ● 2 Blanco Imprímación Foundation White	 70.842 ● 3 Blanco Brillo Gloss White	 70.820 ● 4 Blanco Pergamino Offwhite	 70.918 ● 5 Hueso Ivory	 70.928 ● 6 Carne Clara Light Flesh	 70.837 ★ 7 Arena Clara Pale Sand	 70.917 ● 8 Beige Beige	 70.916 ★ 9 Amarillo Arena Sand Yellow
 70.949 ● 10 Amarillo Claro Light Yellow	 70.952 ● 11 Amarillo Limón Lemon Yellow	 70.806 ● 12 Amarillo Lasur German Yellow	 70.858 ● 13 Amarillo Hielo Ice Yellow	 70.915 ● 14 Amarillo Intenso Deep Yellow	 70.953 ● 15 Amarillo Mate Flat Yellow	 70.948 ● 16 Amarillo Dorado Golden Yellow	 70.815 ★ ● 17 Carne Base Basic Skintone	 70.955 ● 18 Carne Mate Flat Flesh
 70.927 ● 19 Carne Oscura Dark Flesh	 70.845 ★ 20 Carne Dorada Sunny Skin Tone	 70.860 ● 21 Carne Medio Medium Flesthone	 70.911 ● 22 Naranja Claro Light Orange	 70.805 ★ 23 Naranja Alemán German Orange	 70.851 ● 24 Naranja Intenso Bright Orange	 70.956 ● 25 Naranja Clear Orange	 70.817 ● 26 Escarlata Scarlet	 70.910 ● 27 Rojo Claro Orange Red
 70.909 ● 28 Bermellón Vermillion	 70.947 ● 29 Bermellón Oscuro Dark Vermillion	 70.908 ● 30 Rojo Carmin Carmine Red	 70.957 ● 31 Rojo Mate Flat Red	 70.946 ● 32 Rojo Oscuro Dark Red	 70.926 ★ ● 33 Rojo Red	 70.814 ● 34 Rojo Tostado Burnt Red	 70.859 ● 35 Rojo Negro Black Red	 70.804 ● 36 Rojo Beige Beige Red
 70.835 ● 37 Rosa Salmón Salmon Rose	 70.803 ● 38 Rosa Marrón Brown Rose	 70.944 ● 39 Rosa Antiguo Old Rose	 70.958 ● 40 Rosa Pink	 70.802 ● 41 Rojo Sunset Sunset Red	 70.945 ● 42 Magenta Magenta	 70.812 ● 43 Rojo Violeta Violet Red	 70.959 ● 44 Púrpura Purple	 70.810 ● 45 Púrpura Real Royal Purple
 70.811 ● 46 Violeta Azul Blue Violet	 70.960 ● 47 Violeta Violet	 70.898 ★ 48 Azul Marina Oscuro Dark Sea Blue	 70.807 ● 49 Azul Oxford Oxford Blue	 70.899 ★ ● 50 Azul Prusia Oscuro Dark Prussian Blue	 70.965 ● 51 Azul de Prusia Prussian Blue	 70.925 ● 52 Azul Intenso Blue	 70.930 ● 53 Azul Oscuro Darkblue	 70.809 ● 54 Azul Real Royal Blue
 70.839 ● 55 Azul Ultramar Ultramarine	 70.962 ● 56 Azul Mate Flat Blue	 70.963 ● 57 Azul Medio Medium Blue	 70.964 ★ 58 Azul Militar Field Blue	 70.900 ● 59 Azul Francés French Mirage Blue	 70.903 ★ 60 Azul Americano Intermediate Blue	 70.943 ● 61 Azul Gris Grey Blue	 70.902 ● 62 Azul Azur Azure	 70.901 ● 63 Azul Pastel Pastel Blue
 70.906 ● 64 Azul Pálido Pale Blue	 70.841 ● 65 Azul Andrea Andrea Blue	 70.844 ● 66 Azul Profundo Deep Sky Blue	 70.961 ● 67 Azul Cielo Sky Blue	 70.840 ● 68 Turquesa Claro Light Turquoise	 70.966 ● 69 Turquesa Turquoise	 70.808 ● 70 Azul Verde Blue Green	 70.838 ● 71 Esmeralda Emerald	 70.970 ● 72 Verde Oscuro Deep Green
 70.969 ● 73 Verde Verde Park Green Flat	 70.891 ★ ● 74 Verde Medio Intermediate Green	 70.942 ● 75 Verde Claro Light Green	 70.974 ● 76 Verde Azul Green Sky	 70.827 ● 77 Verde Lima Lime Green	 70.954 ● 78 Amarillo Verde Yellow Green	 70.857 ● 79 Oliva Dorado Golden Olive	 70.833 ★ 80 A. Cam. Verde Claro Ger. Cam. Bright Green	 70.850 ● 81 Oliva Medio Medium Olive
 70.967 ● 82 Verde Oliva Olive Green	 70.968 ● 83 Verde Oliva Oscuro Flat Green	 70.922 ★ 84 Verde Uniforme Uniform Green	 70.920 ★ ● 85 Uniforme Alemán German Uniform	 70.823 ★ 86 Alemán Cam. Luftwaffe Luftwaffe Cam. Green	 70.892 ★ 87 Oliva Amarillo Yellow Olive	 70.895 ● 88 Verde Acorazado Gunship Green	 70.975 ★ 89 Verde Militar Military Green	 70.890 ★ ● 90 Verde Refractario Refractive Green
 70.889 ★ ● 91 Marrón Oliva U.S.A. Olive Drab	 70.888 ★ 92 Gris Oliva Olive Grey	 70.887 ★ ● 93 Marrón Violeta Brown Violet	 70.924 ★ ● 94 Uniforme Ruso WWII Russian Uniform WWII	 70.893 ★ ● 95 Verde Americano U.S. Dark Green	 70.894 ★ 96 Cam. Verde Oliva Cam. Olive Green	 70.979 ★ 97 Alem. Cam. Verde Osc. Ger. Cam. Dark Green	 70.897 ★ 98 Verde Bronzeadado Bronze Green	 70.896 ★ 99 A. Cam. Verde Extra Osc. Ger. C. Extra Dark Green
 70.980 ★ ● 100 Verde Negro Black Green	 70.886 ★ ● 101 Gris Verdoso Green Grey	 70.830 ★ ● 102 Verde Alemán WWII German Fieldgrey WWII	 70.821 ★ 103 Al. Cam. Beige WWII German C. Beige WWII	 70.884 ★ 104 Gris Piedra Stone Grey	 70.816 ★ 105 Unifor. Luftwaffe WWII Luftwaffe Uniform WWII	 70.971 ● 106 Verde Gris Pálido Green Grey	 70.972 ● 107 Verde Azul Pálido Light Green Blue	 70.973 ● 108 Verde Gris Medio Light Sea Grey
 70.885 ● 109 Verde Pastel Pastel Green	 70.986 ★ 110 Marrón Cubierta Deck Tan	 70.987 ● 111 Gris Medio Medium Grey	 70.881 ● 112 Verde Amarillo Yellow Green	 70.880 ★ 113 Gris Caqui Khaki Grey	 70.879 ● 114 Marrón Verde Green Brown	 70.988 ★ ● 115 Marrón Caqui Khaki	 70.978 ★ 116 Amarillo Camuflaje Dark Yellow	 70.923 ★ 117 Uniforme Japonés WWII Japan Uniform WWII
 70.882 ★ ● 118 Amarillo Piedra Middlestone	 70.914 ● 119 Ocre Verde Green Ochre	 70.976 ★ 120 Amarillo Caqui Buff	 70.913 ● 121 Ocre Amarillo Yellow Ochre	 70.912 ★ 122 Marrón Amarillo Tan Yellow	 70.847 ★ ● 123 Arena Oscura Dark Sand	 70.819 ★ 124 Arena Iraquí Iraqi Sand	 70.977 ★ 125 Amarillo Desierto Desert Yellow	 70.877 ● 126 Marrón Dorado Goldbrown

Model Color

70.856 Ocre Marrón Ochre Brown 127	FS30266-ANA615 70.824 Ale. Cam. Ocre Naranja Ger. Cam. Orange Ochre 128	70.929 Marrón Claro Light Brown 129	FS31400 70.829 Rojo Amaranth Amaranth Red 130	RAL8023 70.981 Marrón Naranja Orange Brown 131	RLM79 70.876 Arena Marrón Brown Sand 132	70.843 Marrón Corcho Cork Brown 133	FS30219-ANA628 70.874 Tierra Oscura Tan Earth 134	70.875 Marrón Beige Beige Brown 135
70.818 Cuero Rojo Red Leather 136	FS30109 70.982 Marrón Rojo Cavalry Brown 137	FS30111 70.940 Marrón Cuero Saddle Brown 138	RAL8002 70.846 Marrón Caoba Mahogany Brown 139	FS30108-RAL8011 70.984 Marrón Mate Flat Brown 140	70.921 Uniforme Inglés English Uniform 141	70.873 Tierra US Field Drab 142	FS30145 70.983 Tierra Mate Flat Earth 143	70.825 A. Cam. Pardo Claro German C. Pale Brown 144
FS30097 70.826 Al. Cam. Pardo Medio Ger. Cam. Med. Brown 145	RAL8017 70.985 Marrón Rojizo Hull Red 146	FS30051-RAL8027 70.871 Marrón Cuero Oscuro Leather Brown 147	70.941 Sombra Tostada Burnt Umber 148	FS30099 70.872 Marrón Chocolate Chocolate Brown 149	RLM61 70.822 A. Cam. Pardo Negro German C. Black Brown 150	70.993 Gris Blanco White Grey 151	FS37150-RAL9002 70.883 Gris Plateado Silvergrey 152	70.907 Azul Gris Claro Pale Grey Blue 153
70.989 Gris Cielo Sky Grey 154	FS36375-RAL7001 70.990 Gris Pálido Light Grey 155	FS35237 70.905 Gris Azul Claro Blue Grey Pale 156	FS35189 70.904 Gris Azul Oscuro Dark Blue Grey 157	FS36270 70.870 Gris Marina Medio Medium Sea Grey 158	FS36231 70.991 Gris Marina Dark Sea Grey 159	FS36173 70.992 Gris Neutral Neutral Grey 160	FS36118-ANA603 70.836 Gris Londres London Grey 161	FS36152-RAL7012-RLM75 70.869 Gris Basalto Basalt Grey 162
RLM74 70.868 Verde Marina Oscuro Dark Seagreen 163	RLM66 70.867 Azul Gris Oscuro Dark Bluegrey 164	RLM66 70.866 Gris Verde Grey Green 165	FS36076 70.994 Gris Oscuro Dark Grey 166	RAL7016 70.995 Gris Alemán German Grey 167	RAL7021 70.862 Gris Negro Black Grey 168	FS37038-RAL9005-RLM22 70.950 Negro Black 169	FS17038 70.861 Negro Brillante Glossy Black 170	
COLORES METALIZADOS / METALLIC COLORS								
70.997 Plata Silver 171	70.996 Oro Gold 172	FS27043 70.878 Oro Viejo Old Gold 173	70.801 Latón Brass 174	70.998 Bronce Bronze 175	70.999 Cobre Copper 176	70.865 Acero Engrasado Oily Steel 177	70.864 Acero Natural Natural Steel 178	70.863 Gris Metalizado Gunmetal Grey 179
70.800 Metal Azul Gunmetal Blue 180								
COLORES TRANSPARENTES / TRANSPARENT COLORS								
70.939 Humo Smoke 181	70.828 Madera Caoba Woodgrain 182	70.834 Madera Natural Natural Woodgrain 183	70.937 Amarillo Transparente Transparent Yellow 184	70.935 Naranja Transparente Transparent Orange 185	70.934 Rojo Transparente Transparent Red 186	70.938 Azul Transparente Transparent Blue 187	70.936 Verde Transparente Transparent Green 188	
PRODUCTOS AUXILIARES / AUXILIARY PRODUCTS								
70.540 Medium Mate Matt Medium 189	70.470 Medium Brillante Glossy Medium 190	70.521 Medium Metálico Metal Medium 191	70.520 Barniz Mate Matt Varnish 192	70.510 Barniz Brillante Glossy Varnish 193	70.522 Barniz Satinado Satin Varnish 194	70.596 Medium Veladuras Glaze Medium 195	70.597 Retardante Drying Retarder 196	70.523 Máscara Líquida Liquid Mask 197
70.598 Medium Craquelar Crackel Medium 198	70.400 Masilla Plástica Plastic Putty 199	70.524 Diluyente Thinner 200						
COLORES TRANSPARENTES / TRANSPARENT COLORS								
70.853 Pátina Blanca White Glaze 201	70.832 Pátina Verdín Verdigris Glaze 202	70.831 Pátina Ocre Tan Glaze 203	70.854 Pátina Marrón Brown Glaze 204	70.855 Pátina Negro Black Glaze 205				
COLORES FLUORESCENTES / FLUORESCENT COLORS								
RAL1026 70.730 Amarillo Fluo Yellow Fluo 206	FS38903-RAL2005 70.733 Naranja Fluo Orange Fluo 207	70.735 Magenta Fluo Magenta Fluo 208	70.736 Azul Fluo Blue Fluo 209	FS38901 70.737 Verde Fluo Green Fluo 210				
METALIZADOS AL ALCOHOL 35 ML. - METALS IN ALCOHOL BASE 35 ML.								
70.790 Plata Silver 211	70.791 Oro Gold 212	70.792 Oro Viejo Old Gold 213	70.793 Oro Rico Rich Gold 214	70.794 Oro Rojo Red Gold 215	70.795 Oro Verde Green Gold 216	70.796 Oro Blanco White Gold 217	70.797 Cobre Copper 218	

Descripción de los símbolos / Description of the symbols

El número dentro del rectángulo  es la posición del color en el expositor de la gama completa de 218 unidades.
The number inside the rectangle  indicates the position of the color in the complete display unit containing 218 units.



Military Range display of 80 colors, includes 73.212 & 73.213 (EX132)



Basic range display of 80 colors (EX124)

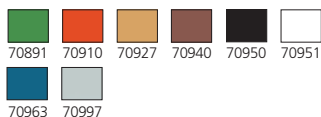
Model Color sets (8 colors)

Collection of color sets of 8 Model Color for painting models and miniatures. Each one of these sets has a selection of special colors for painting vehicles, figures, etc. Contains 8 bottles of 17 ml. and color chart.

Colección de estuches de 8 colores Model Color para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores especiales para pintar vehículos, figuras, etc. Contienen 8 botellas de 17 ml. y una carta de colores.



Art. 70103 Wargames Basics



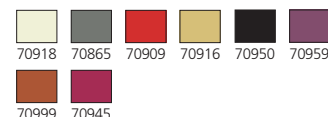
Art. 70104 High Elves Elfos



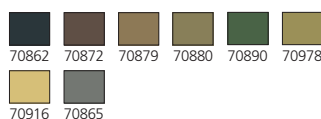
Art. 70105 Orcs and Goblins



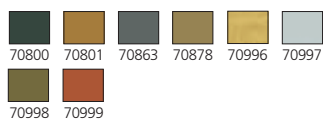
Art. 70106 Non Death Chaos



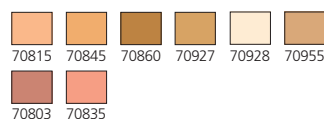
Art. 70108 Panzer Colors



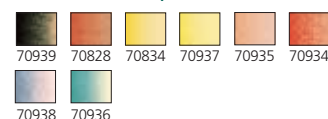
Art. 70118 Metallic Colors Colores Metálicos



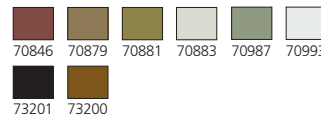
Art. 70124 Face & Skintones Colores Piel



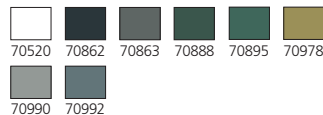
Art. 70136 Transparent Colors Colores Transparentes



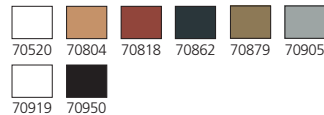
Art. 70137 Building Set



Art. 70138 Demag Africa Corps



Art. 70139 Demag Rusia 1942



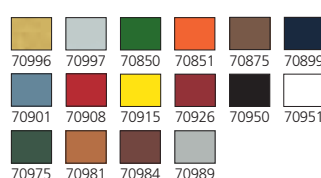
Model Color sets (16 colors)

Collection of color sets of 16 Model Color for painting models and miniatures. Each one of these sets has a selection of special colors for painting vehicles, figures, etc. Contains 16 bottles of 17 ml. (with eyedropper) and color chart.

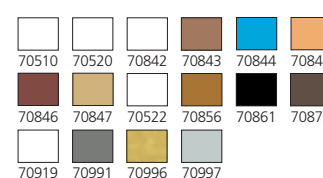
Colección de estuches de 16 colores Model Color para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores especiales para pintar vehículos, figuras, etc. Contienen 16 botellas de 17 ml. (con cuentagotas) y una carta de colores.



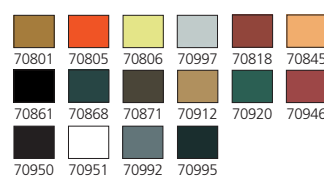
Art. 70101 Folkstone Basics



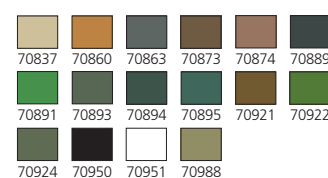
Art. 70102 Folkstone Specialist



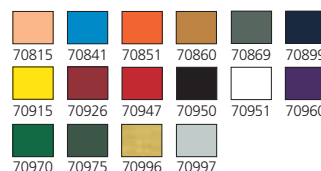
Art. 70107 German Colors WWII Colores WWII Alemán



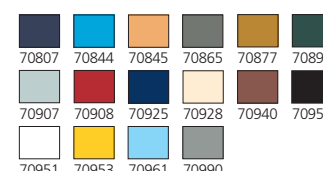
Art. 70109 Allied Forces WWII WWII Aliados



Art. 70110 Napoleonic Colors



Art. 70111 American Civil War Guerra Civil Americana



Art. 70112 Wargame Special

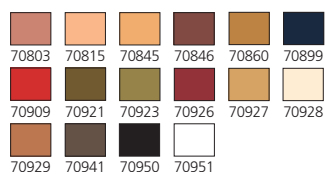


Art. 70114 German Cam. WWII WWII Cam. Alemán

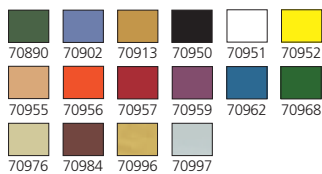


Model Color sets (16 colors)

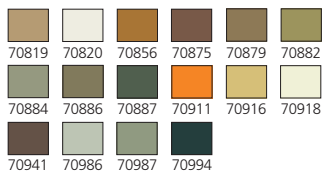
Art. 70125 Face & Skintones Colores Piel y Cara



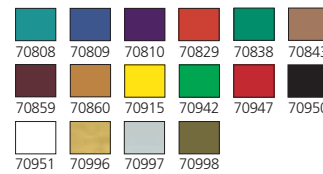
Art. 70140 Basic Colors USA Colores Básicos USA



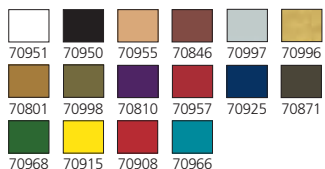
Art. 70141 Earthtones Colores Tierra



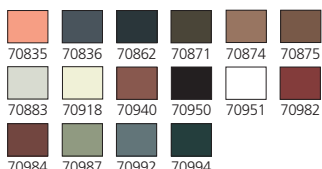
Art. 70142 Medieval Colors Colores Edad Media



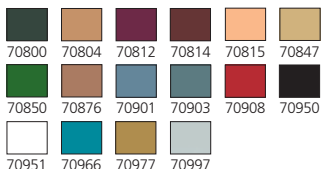
Art. 70143 Imperial Roman Imperio Romano



Art. 70144 Equestrian Colors Colores Ecuestres



Art. 70145 Native American Indios Americanos



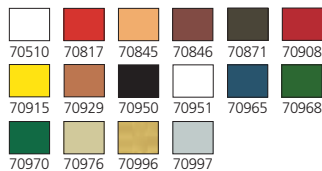
Art. 70146 Naval (Steam Era) Náutico (Edad Vapor)



Art. 70147 American Colonial Colonial Americano



Art. 70148 American Revolution Revolución Americana



Special Model Color sets

Collection of Model Color sets for painting models and miniatures. Each one of these sets has a selection of special colors for painting vehicles, figures, etc. Contains bottles of 17 ml., leaflet with painting instructions and color chart.

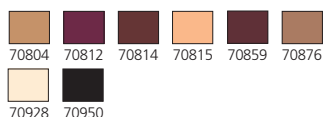
Colección de estuches de colores Model Color para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores especiales para pintar vehículos, figuras, etc. Contienen botellas de 17 ml., folleto con instrucciones de pintado y una carta de colores.

Art. 70119

Face Painting Set / Pintar Caras

This set contains 8 Model Colors in 17 ml. selected to facilitate the different tonalities of skin colors. Includes detailed "Face Painting" step by step instructions by Jaume Ortiz.

Este estuche contiene 8 colores acrílicos Model Color de 17 ml., seleccionados para facilitar la obtención de diferentes tonos de piel. Incluye instrucciones detalladas (paso a paso) "Pintar Caras" de Jaume Ortiz.

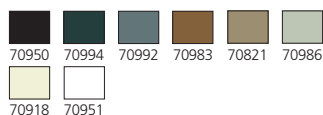


Art. 70151

Black & White / Blanco y Negro

This set contains 8 Model Colors in 17 ml. with variations of black and white. Includes photographs and step by step instructions by Angel Giraldez.

Este estuche contiene 8 colores acrílicos Model Color de 17 ml. con una selección de variaciones de blanco y negro. Incluye fotografías e instrucciones paso a paso de Angel Giraldez.



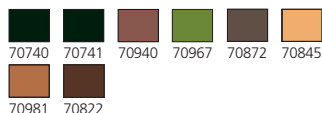
Special Model Color sets

Art. 70180

Waffen-SS Camouflage Set

Selection of 8 Model Color in 17 ml. bottles to paint Plane Tree, Palm Tree and Oak Leaf camouflages in any of both seasonal pattern variations. The set also includes the right colors for shading and highlighting the camouflage tones in order to achieve a tridimensional effect. Includes photographs and step by step instructions by Jaume Ortiz.

Selección de 8 colores acrílicos Model Color de 17 ml. para pintar los camuflajes Plane Tree, Palm Tree y Oak Leaf en cualquiera de las dos vertientes de temporada. Además, se incluyen los colores adecuados para sombrear e iluminar los tonos de los camuflajes y conseguir así un efecto tridimensional. Incluye fotografías e instrucciones paso a paso de Jaume Ortiz.

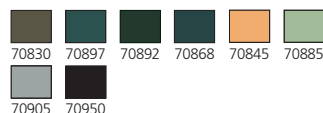


Art. 70181

German Field Grey Set

Selection of 8 Model Color in 17 ml. bottles for painting four German uniform variants, along the colors for highlighting and shading them. Includes photographs and step by step instructions by Jaume Ortiz.

Selección de 8 colores acrílicos Model Color de 17 ml. para pintar cuatro variantes del uniforme alemán, así como los colores para iluminar y sombrear cada una de esas variantes. Incluye fotografías e instrucciones paso a paso de Jaume Ortiz.

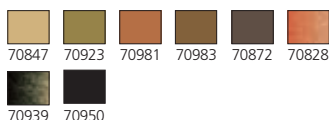


Art. 70182

Wood Leather / Madera y Cuero

Selection of 8 Model Color in 17 ml. bottles for painting wood, dark, light and red leather. Includes step by step photographs and painting instructions by Angel Giraldez.

Selección de 8 colores acrílicos Model Color de 17 ml. para pintar madera, cuero oscuro, claro y rojizo. Incluye fotografías e instrucciones paso a paso de Angel Giraldez.

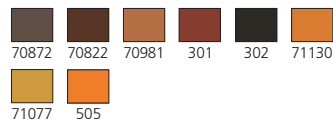


Art. 70183

Rust, Stain and Streaking

Selection of 8 Model Color in 17 ml. bottles to create the effects of weathering, of rust stains on metal surfaces, streaking and peeling in specific areas, of the wear caused by exposure, presented in a simple and detailed process. With step by step photographs and instructions by Scratchmod.

Selección de 8 colores acrílicos Model Color de 17 ml. para representar los efectos de óxido sobre la superficie, los rastros que genera la intemperie, la acumulación en lugares concretos. Ilustrado con fotografías e instrucciones paso a paso de Scratchmod.



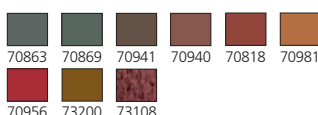
Special Model Color sets

Art. 70150

Rust and Steel / Acero y Óxido

This box contains 1 Pigment and 7 bottles of Model Color, and Wash in 17 ml., 2 brushes for painting miniatures, a mixing palette, detailed instructions and a Model Color color chart. The set includes instructions and step by step photographs made by Langmesser Modellwelt.

Esta caja incluye 1 Pigmento, 7 frascos de Model Color, 1 Wash en 17 ml., 2 pinceles para miniaturas, una paleta para mezclas, fotografías e instrucciones paso a paso de Langmesser Modellwelt.

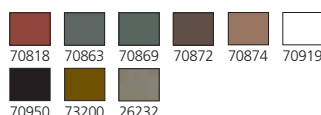


Art. 72220

Winter Weathering Set Evejecimiento Invierno

This box contains 8 Model Color in 17 ml., 1 texture in 35 ml., 2 brushes and 1 sponge, for the creation of winter weathering effects, and step by step photographs made by Heinz Wagner y Marcus Förster.

Esta caja contiene 8 colores Model Color de 17 ml., 1 textura de 35 ml., 2 pinceles y 1 esponja, para crear efectos de envejecido de invierno con un paso a paso de Heinz Wagner y Marcus Förster.



Art. 73099

Weathering a Steam Locomotive Envejecimiento tren

This box contains 9 bottles TRAINCOLOR paints, 2 paint brushes for painting miniature trains, a mixing palette, detailed instructions and a TRAINCOLOR colorchart and step by step photographs by Heinz Wagner.

Esta caja incluye 9 frascos de pinturas TRAINCOLOR, 2 pinceles Toray para locomotoras miniaturas, instrucciones detallados, una paleta para mezclas y una carta de colores. Incluye fotografías de paso a paso de Heinz Wagner.



Ref. 70199

Liquid Gold Set Estuche Oro Líquido

This set contains 4 colors Liquid Gold of 35 ml. alcohol-based. 2 gold, 1 silver and 1 copper of 35 ml.

Este estuche contiene 4 colores Liquid Gold de 35 ml. a base de alcohol. 2oros, 1 plata y 1 cobre de 35 ml.



Special Model Color Cases

Art. 70175

72 Color Combination Case

Plastic carrying case for paints. Includes 72 basic colors for painting different combinations for highlights, base and shadows. Also includes 2 Mediums, 3 Toray brushes and color chart. See colors on www.acrylicosvallejo.com

Maletín de plástico para el transporte de pinturas. Incluye 72 colores básicos, escogidos para realizar diferentes combinaciones de bases, luces y sombras. Además, incluyen 2 Mediums, 3 pinceles de Toray y carta de colores. Véase colores en www.acrylicosvallejo.com



Art. 70172

72 Basic Color Case

Plastic carrying case for paints. Includes 72 basic colors and 3 Toray brushes and color chart. See colors on www.acrylicosvallejo.com

Maletín de plástico para el transporte de pinturas. Incluye 72 colores básicos, 3 pinceles de Toray y carta de colores. Véase colores en www.acrylicosvallejo.com



Art. 70173

74 Military Color Case

Plastic carrying case for paints. Includes 72 selected military colors and 3 Toray brushes and color chart. See colors on www.acrylicosvallejo.com

Maletín de plástico para el transporte de pinturas. Incluye una selección de 72 colores militares, 3 pinceles de Toray y carta de colores. Véase colores en www.acrylicosvallejo.com



Art. 70098

Empty Case

Plastic carrying case for paints with 72 spaces for 17ml bottles and brushes.

Maletín de plástico para el transporte de pinturas con 72 espacios para almacenar botellas de 17ml. y pinceles.



WWII Wargames Paint Series

Collection of sets with 6 colors for painting models and miniatures. Each one of these sets has a selection of special colors for painting vehicles, figures, etc. Contains 6 bottles of 17 ml., includes painting guide.

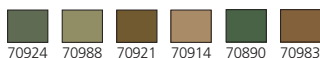
Colección de estuches de 6 colores para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores especiales para pintar vehículos, figuras, etc. Contienen 6 botellas de 17 ml. incluye instrucciones de pintado.

Art. 70153

British Paint Set

This set, together with the Infantry and Vehicle Basic Set, contains all the colors used for the painting of your British Army soldiers. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Infantry y Vehicle Basic Set, contiene los colores necesarios para pintar los soldados del ejército británico. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la II Guerra Mundial.

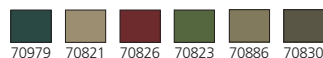


Art. 70154

German Infantry Paint Set

This set, together with the Infantry Basic Set, contains all the colors used for the painting of your German Wehrmacht Army soldiers. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Infantry Basic Set, contiene los colores necesarios para pintar los soldados del ejército alemán. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la II Guerra Mundial.

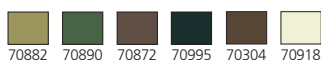


Art. 70155

German Armour Paint Set

This set, together with the Vehicle Basic Set, contains all the colors used for the painting of your German armour. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Vehicle Basic Set, contiene los colores necesarios para pintar los carros alemanes. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la II Guerra Mundial.

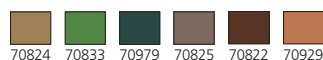


Art. 70158

German SS Paint Set

This set, together with the Infantry Basic Set and German Infantry Set, contains all the colors used for the painting of your German SS forces. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Infantry Basic y German Infantry Set, contiene los colores necesarios para pintar las tropas de las SS. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la II Guerra Mundial.



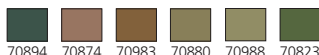
WWII Wargames Paint Series

Art. 70159

Soviet Paint Set

This set, together with the Infantry Basic Set, contains all the colors used for the painting of your Soviet Army soldiers. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Infantry Basic Set, contiene los colores necesarios para pintar los soldados del ejército soviético. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la II Guerra Mundial.

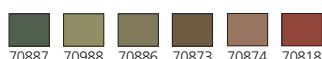


Art. 70160

US Infantry Paint Set

This set, together with the Infantry Basic Set, contains all the colors used for the painting of your US Army. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Infantry Basic Set, contiene los colores necesarios para pintar los soldados del ejército US. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la II Guerra Mundial.



Art. 70156

Infantry Basic Paint Set

This Infantry Basic Paint Set, when combined with the appropriate nation specific paint set, contains all the colors needed for painting WWII miniatures. Alternatively, this set offers complementary colors for guns, flesh tones and uniform markings to be used together with all the other color set.

Infantry Basic Paint Set, combinado con los estuches específicos de cada ejército, contiene los colores necesarios para pintar miniaturas de la Segunda Guerra Mundial. Además, este estuche ofrece una selección de colores complementarios para los tonos carne, insignias, armamento, para ser usados con otros estuches de la colección.

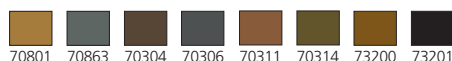


Art. 70157

Vehicle Basic Paint Set

This Vehicle Basic Paint Set, when combined with the appropriate nation specific paint set, contains all the colors needed for painting WWII miniatures. Alternatively, this set offers complementary colors for weapons, track color, canvas, wood and two washes for weathering effects.

Vehicle Basic Paint Set, combinado con los estuches específicos de cada ejército, contiene los colores necesarios para pintar miniaturas de la Segunda Guerra Mundial. Además, este estuche ofrece una selección de colores complementarios para armamento, orugas, lonas, madera y dos lavados para efectos de envejecido.





Model Air

Acrylic colors developed especially for airbrush techniques, with very finely ground pigments and an acrylic resin with properties of extreme resistance and durability.

Colores acrílicos desarrollados especialmente para el aerógrafo con pigmentos de molido extrafino y una resina acrílica de última generación de extrema resistencia y duración.

EN Model Air is a range of water-based, matte acrylic colors, developed especially for airbrushing. In the formulation of this range various new resins have been selected for qualities which up till now had not been achieved in water-based colors. The strength, resistance and covering power of Model Air is superior to any acrylic airbrush color currently available and also allows for application by brush to highlight the smallest details of the miniature. The pigments have been selected according to their degree of light-fastness and optimum micronization. The effects of washes and transparencies can be obtained by diluting the colors; all colors and varnishes can be mixed together and diluted with Airbrush Thinner.

The colours have been very carefully chosen to provide the modelpainter with the references most frequently employed. Tests have been carried out for over two years to develop the tonalities which correspond to the RLM, RAL, ANA, FS and BS colours commonly used. Colours can be mixed with one another, diluted with water, Model Air Thinner or Varnish or even alcohol, according to the effect desired, but we recommend the use of Model Air Thinner since this product conserves the properties of the colours.

Model Air adheres exceptionally well to all surfaces. The adhesion of Model Air to resin models, plastics, steel and white metal is extraordinary. A primer is usually not needed; if the object to be painted is very dark, a base coat of white or grey will help bring out the luminosity of the colours.

Packaging:

Bottles of 17 ml. bottle with eyedropper. This packaging prevents the paint from evaporating and drying in the container.



ES Model Air es una gama de colores acrílicos mates, a base de agua, desarrollado especialmente para aerografía. En la formulación de la gama se emplean resinas de última generación, con cualidades hasta ahora no disponibles en colores a base de agua; su resistencia, dureza y poder de cubrición es superior a cualquier acrílico de aerografía. Los pigmentos han sido seleccionados en función de su grado de estabilidad a la luz, y su óptima micronización también permite la aplicación a pincel para resaltar los pequeños detalles de las miniaturas. Los efectos de lavados y transparencias se obtienen mediante aplicaciones muy diluidas de la pintura. Todos los colores y barnices se pueden mezclar entre sí y diluir con Airbrush Thinner.

Los colores han sido seleccionados cuidadosamente para proporcionar al modelista los tonos más empleados. Durante dos años se realizaron pruebas para ajustar los colores a las equivalencias RLM, RAL, ANA, FS y BS más utilizados. Los colores se pueden mezclar entre sí y se pueden diluir con agua, Diluyente Model Air, Barniz Model Air o alcohol, según el resultado que se desee conseguir. En cualquier caso, sugerimos una mezcla con Diluyente Model Air para conservar las propiedades del color.

Model Air tiene un comportamiento excepcional sobre todos los soportes. La adherencia de la pintura sobre resina, plástico, acero y metal blanco es extraordinaria. Además, no requiere imprimación previa. Solo en casos en que la superficie sea de un color muy oscuro, puede ser útil dar una imprimación en color para aumentar la luminosidad de los colores.

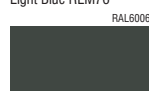
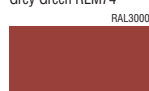
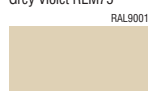
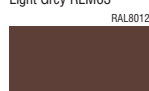
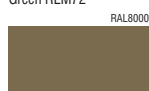
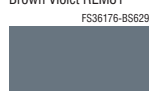
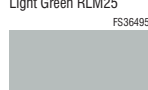
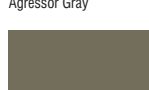
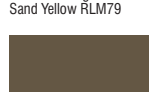
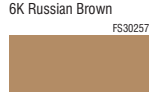
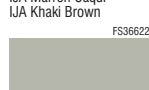
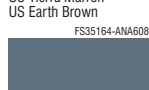
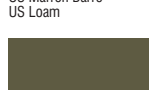
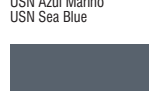
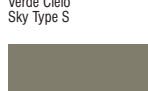
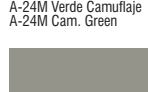
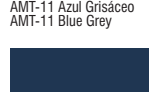
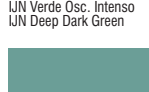
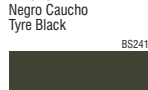
Presentación:

Frasco de 17 ml. con cuentagotas. Esta presentación evita la evaporación de la pintura y el secado dentro del frasco.

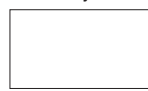
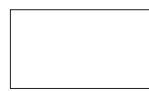
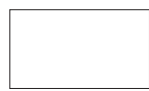
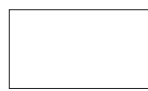
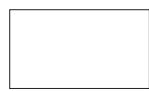
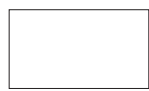
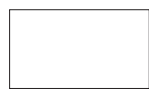
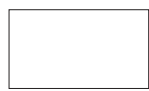
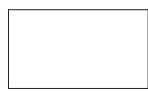
Model Air colors

FS37925-RAL9016-RLM21		RLM23		RAL5008			FS35414	BS216
71.001 Blanco White	71.002 Amarillo Medio Medium Yellow	71.003 RLM23 Rot Red RLM23	71.004 Azul Blue	71.005 Azul Gris Grey Blue	71.006 Verde Claro Cromo Light Green Chromate	71.007 Verde Oliva Olive Green	71.008 Azul Claro Pale Blue	71.009 Verde Huevo Pato Eau De Nil "D. E. Green"
FS34098	RLM83		FS34052-RAL6015		RLM71	FS34088-ANA613	FS34082	
71.010 Verde Interior Interior Green	71.011 RLM83 Dunkelgrün Dark Green RLM83	71.012 Verde Oscuro Dark Green	71.013 Oliva Amarillo Yellow Olive	71.014 Verde Acorazado Gunship Green	71.015 RLM71 Dunkelgrün Dark Green RLM71	71.016 USAF Verde Oliva USAF Olive Drab	71.017 Verde Ruso 4B0 Russian Green 4B0	71.018 Verde Negro Black Green
FS34083-RAL6007		RLM70	RLM82	FS34201		RAL7028	FS30215	
71.019 RAL6007 Grün Camouflage Dark Green	71.020 Verde Pardo Green Brown	71.021 RLM70 Schwarzgrün Black Green RLM70	71.022 RLM82 Hellgrün Light Green RLM82	71.023 Camuflaje Beige Hemp	71.024 Marrón Caqui Khaki Brown	71.025 RAL7028 Dunkelgelb Dark Yellow	71.026 Marrón USA USA Flat Brown	71.027 Marrón Claro Light Brown
		FS30266-ANA615-BS362			RAL1006		FS30140-RAL8025	
71.028 Amarillo Arena Sand Yellow	71.029 Tierra Oscura Dark Earth	71.030 Marrón Verdoso Brown Green	71.031 Piedra Medio Middlestone	71.032 Marrón Dorado Golden Brown	71.033 RAL1006 Gelb Yellow Ochre	71.034 Marrón Arena Sand Brown	71.035 Camuflaje Pardo Claro Camouflage Pale Brown	71.036 Caoba Mahogany
	FS30097		RAL8014	RAL8017	RLM61	FS34087	RLM02	RAL7033
71.037 Marrón Lodo Mud Brown	71.038 Camuflaje Pardo Medio Cam. Medium Brown	71.039 Marrón Rojizo Hull Red	71.040 Sombra Tostada Burnt Umber	71.041 RAL8017 Rotbraun Armour Brown	71.042 RLM61 Dunkelbraun Dark Brown RLM61	71.043 US Verde Oliva US Olive Drab	71.044 RLM02 Grau Grey RLM02	71.045 Gris Cemento Cement Grey
		FS36076		FS36300-RAL7046	FS36173		FS36099-RAL7011	RAL7024
71.046 Azul Gris Claro Pale Blue Grey	71.047 Gris Grey	71.048 Gris Motor Engine Gray	71.049 Gris Mar Sea Grey	71.050 Gris Claro Light Gray	71.051 Gris Neutral Neutral Gray	71.052 Gris Antracita Anthracite Grey	71.053 Gris Mar Oscuro Dark Sea Gray	71.054 Gris Azul Oscuro Dark Grey Blue
RLM66	RAL7021	FS37038-RAL9004-RLM22-ANA604-BS642		RLM01	FS17178		FS17043	
71.055 RLM66 Schwarzgrau Black Grey RLM66	71.056 RAL7021 Dunkelgrau Panzer Dark Grey	71.057 Negro Black	71.062 Aluminio (Metalizado) Aluminium (Metallic)	71.063 RLM01 Silber (Metaliz.) Silver RLM01 (Metallic)	71.064 Cromo (Metalizado) Chrome (Metallic)	71.065 Acero (Metalizado) Steel (Metallic)	71.066 Oro (Metalizado) Gold (Metallic)	71.067 Latón (Metalizado) Bright Brass (Metallic)
				FS37200			RAL1001	
71.068 Cobre (Metalizado) Copper (Metallic)	71.069 Óxido (Metalizado) Rust (Metallic)	71.070 Rojo Señal (Metalizado) Signal Red (Metallic)	71.071 Azul Artico (Metalizado) Arctic Blue (Metallic)	71.072 Fusil (Metalizado) Gun Metal (Metallic)	71.073 Negro Metal (Metalizado) Black (Metallic)	71.074 Beige Beige	71.075 RAL1001 Elfenbein Ivory	71.076 Color Piel Skin Tone
	RLM04-ANA614-BS356		FS30111-BS435		FS38903-RAL2005			
71.077 Madera Wood	71.078 RLM04 Gelb Yellow RLM04	71.079 Tierra Tan Earth	71.080 Óxido Rust	71.081 Ocre Ochre	71.082 Rojo Fluo Fluorescent Red	71.083 Naranja Orange	71.084 Rojo Fuego Fire Red	71.085 Rojo Ferrari Ferrari Red
		RAL5013		FS35056	FS35044-RAL5004-ANA605-BS106	RAL6003	FS34094	
71.086 Rojo Claro Light Red	71.087 Azul Acero Steel Blue	71.088 Azul Francés French Blue	71.089 Azul Mar Claro Light Sea Blue	71.090 Azul Oscuro Deep Sky	71.091 Azul Señal Signal Blue	71.092 RAL6003 Olivgrün Medium Olive	71.093 Verde OTAN NATO Green	71.094 Verde Zinc Green Zinc Chromate
RAL6011		FS36118-ANA603	RLM78		RLM84-ANA610	RLM62	RLM26	RLM05
71.095 Verde Pálido Pale Green	71.096 Verde Oliva Grisáceo Olive Grey	71.097 Gris Medio USAF Medium Gunship Gray	71.101 RLM78 Hellblau Light Blue RLM78	71.102 Rojo Red	71.103 RLM84 Graublau Grey Blue RLM84	71.104 RLM62 Grün Green RLM62	71.105 RLM26 Braun Brown RLM26	71.106 RAL7016 Elfenbein Ivory RLM05
	FS35231-ANA609	FS35189-BS636	BS640	FS35109		FS35177	FS35237	RAL7016
71.107 US Amarillo Interior US Interior Yellow	71.108 UK Azul Azure UK Azure Blue	71.109 M-485 Blue Gray Faded PR.U. Blue	71.110 US Gris Oscuro US Dark Gray	71.111 USAF Azul Claro USAF Light Blue	71.112 Arena Sand	71.113 Azul IDF IDF Blue	71.114 Gris Medio Medium Gray	71.115 RAL7016 Blaugrau Blue Grey
RAL7008	RAL8020	RAL7027	RAL9002	FS36320	FS36440-ANA620	FS33446	RLM42	FS34092-ANA612
71.116 RAL7008 Graugrün Camouflage Grey Green	71.117 RAL8020 Braun Camouflage Brown	71.118 RAL7027 Grau Camouflage Grey	71.119 RAL9002 Grauweiss White Grey	71.120 Gris Oscuro USAF Dark Ghost Gray	71.121 Gris Gaviota USN Light Gull Gray	71.122 US Cam. Moderno 686 US Desert Armour 686	71.123 RLM42 Dunkelgrau Dark Grey RLM42	71.124 Verde USAF USAF Green

Model Air colors

 71.125 Marrón USAF USAF Brown	 71.126 Verde IDF IDF Green	 71.128 Gris Violeta Gray Violet	 71.129 Óxido Claro Light Rust	 71.130 Óxido Anaranjado Orange Rust	 71.131 Cemento Concrete	 71.132 Blanco Envejecido Aged White	 71.133 Suciedad Dirt	 71.134 IJA Verde Midouri IJA Midouri Green
 71.135 IJA Amarillo Cromado IJA Chrome Yellow	 71.136 IJA Marrón Tierra IJA Earth Brown	 71.137 US Verde Claro US Light Green	 71.138 US Arena US Sand	 71.139 US Marrón Verdoso US Field Drab	 71.140 US Arena Desierto US Desert Sand	 71.141 IDF Gris Arena 73 IDF Sand Grey 73	 71.142 IDF Gris Sinai 82 IDF Sinai Grey 82	 71.143 UK Piedra Clara UK Light Stone
 71.244 Sandbeige Sand Beige	 71.245 Lehmbeige Loam Beige	 71.246 Sandbraun Yellow Brown	 71.247 Helloliv Light Olive	 71.248 Gris Marrón Brown Grey	 71.249 Lederbraun NATO Brown	 71.250 Bronzegrün Bronze Green	 71.251 Teerschwarz NATO Black	 71.255 RLM65 Hellblau Light Blue RLM65
 71.256 RLM73 Grün Green RLM73	 71.257 RLM76 Litchblau Light Blue RLM76	 71.258 RLM74 Graugrün Grey Green RLM74	 71.259 RLM75 Grauviolett Grey Violet RLM75	 71.260 RLM63 Hellgrau Light Grey RLM63	 71.263 RLM72 Grün Green RLM72	 71.264 RLM81 Braunviolett Brown Violet RLM81	 71.265 RLM80 Olivgrün Olive Green RLM80	 71.266 RLM24 Dunkelblau Dark Blue RLM24
 71.267 RLM25 Hellgrün Light Green RLM25	 71.268 RAL6006 Feldgrau German Grey	 71.269 RAL3000 Rot Red	 71.270 RAL9001 Weiss Off-White	 71.271 RAL8012 Rotbraun German Red Brown	 71.272 RAL8000 Gelbraun German Green Brown	 71.273 Gris Oceano Ocean Gray	 71.274 Gris Aggressor Aggressor Gray	 71.275 USAF Gris Medio USAF Medium Gray
 71.276 Gris Claro USAF Light Gray	 71.277 Gris Gaviota Oscuro Dark Gull Gray	 71.278 RLM79 Sandgelb Sand Yellow RLM79	 71.279 Blanco Insignia Insignia White	 71.280 Gris Camuflaje Camouflage Gray	 71.281 3B Verde Ruso 3B Russian Green	 71.282 6K Marrón Ruso 6K Russian Brown	 71.283 7K Tierra Rusa 7K Russian Tan	 71.284 UK Marrón Claro UK Light Mud
 71.285 IJA Verde Oscuro IJA Dark Green	 71.286 IJA Verde Oliva IJA Olive Green	 71.287 IJA Marrón Caqui IJA Khaki Brown	 71.288 UK BSC 64 Portl. Stone UK BSC 64 Portl. Stone	 71.289 US Verde Oscuro US Dark Green	 71.290 US Tierra Marrón US Earth Brown	 71.291 US Tierra Amarilla US Earth Yellow	 71.292 US Marrón Barro US Loam	 71.293 US Tierra Roja US Earth Red
 71.294 US Verde Bosque US Forest Green	 71.295 USN Azul Marino USN Sea Blue	 71.296 Curtiss Grey USAAF Light Gray	 71.297 JGSD Marrón 3606 JGSD Brown 3606	 71.298 M495 Gris Claro M495 Light Gray	 71.299 Azul Intermedio Intermediate Blue	 71.300 Azul Mar Brillante Glossy Sea Blue	 71.301 AMT-4 Camuflaje Verde AMT-4 Cam. Green	 71.302 Verde Cielo Sky Type S
 71.303 A-24M Verde Camuflaje A-24M Cam. Green	 71.304 AMT-11 Azul Grisáceo AMT-11 Blue Grey	 71.305 Interior Gris Verde Interior Grey Green	 71.306 Azul Cielo Sky Blue	 71.307 BS Gris Mar Medio BS Medium Sea Grey	 71.308 AMT-12 Gris Oscuro AMT-12 Dark Grey	 71.309 Gris Pizarra Oscuro Dark Slate Grey	 71.310 IJN Verde Osc. Intenso IJN Deep Dark Green	 71.311 IJN Gris Ceniza IJN Ash Grey
 71.312 IJN Gris Medio IJN Medium Grey	 71.313 Azul Mediterraneo Osc. Dark Mediterranean Blue	 71.314 Gris Hidroavión Seaplane Gray	 71.315 Negro Caucho Tyre Black	 71.316 N. 41 Verde Oliva Oscuro N. 41 Dark Olive Drab	 71.317 Alli SV. Gol Azul Claro Alli SV. Gol Light Blue	 71.318 AMT-7 Azul Grisáceo AMT-7 Greyish Blue	 71.319 A-28M Azul Grisáceo A-28M Greyish Blue	 71.320 AMT-1 Marrón Gr. Claro AMT-1 Light Grey. Brown
 71.321 IJA Gris Verdoso Claro IJA Light Grey Green	 71.322 IJN Verde Negro IJN Black Green	 71.323 BS Tierra Oscura BS Dark Earth	 71.324 BS Verde Oscuro BS Dark Green	 71.325 IJN Verde Negro Oscuro IJN Dark Black Green	 71.326 IJA Gris Verdoso IJA Grey Green			

Mediums y Barnices / Mediums and Varnishes

 70.510 Barniz Brillante Gloss Varnish	 70.520 Barniz Mate Matt Varnish	 70.522 Barniz Satinado Satin Varnish	 70.523 Máscara Líquida Liquid Mask	 71.261 Diluyente Aerógrafo Airbrush Thinner	 71.262 Flow Improver Flow Improver	 73.212 Ablandador de Calcas Decal Medium	 73.213 Fijador de Calcas Decal Fix	 73.214 Medium de Desgaste Chipping Medium
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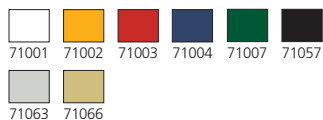
Model Air sets (8 colors)

Collection of color sets with 8 Model Air colors for painting models and miniatures. Each one of these sets has a specific selection of colors for painting vehicles, figures, etc. Contains 8 bottles of 17 ml. and color chart.

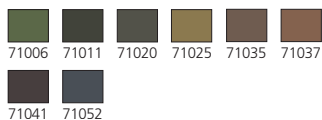
Colección de estuches de 8 colores Model Air para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección específica de colores para pintar vehículos, figuras, etc. Contienen 8 botellas de 17 ml. y una carta de colores.



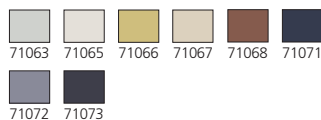
Art. 71174 Basic Colors



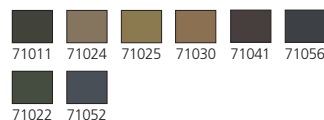
Art. 71175 WWII German Colors



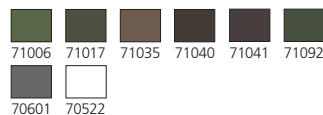
Art. 71176 Metallic Colors



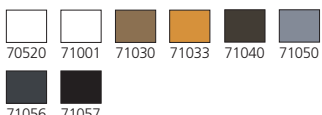
Art. 71177 Panzer Colors



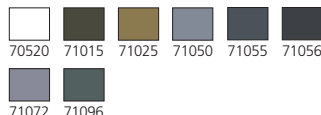
Art. 71158 German Camouflage



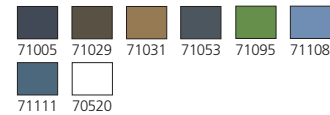
Art. 71151 Demag Russia 1941



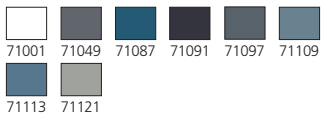
Art. 71150 Demag Africa Corps



Art. 71163 WWII RAF Desert



Art. 71157 WWII USN Aircraft



Art. 71162 WWII RAF Day European



Model Air sets (16 colors)

Collection of color sets with 16 colors of Model Air for painting models and miniatures. Each one of these sets has a specific selection of colors for painting vehicles, figures, etc. Contains 16 bottles of 17 ml. (with eyedropper) and color chart.

Colección de estuches de 16 colores Model Air para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección específica de colores para pintar vehículos, figuras, etc. Contienen 16 botellas de 17 ml. (con cuentagotas) y una carta de colores.



Art. 71178 Basic Color Set Colores Básicos



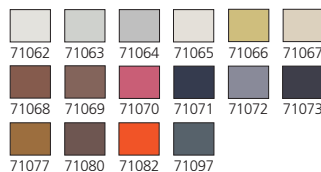
Art. 71179 German WWII WWII Alemán



Art. 71180 Allied Forces WWII WWII Aliados



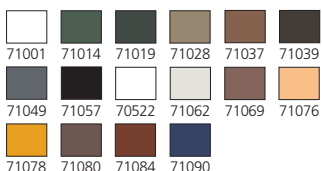
Art. 71181 Metallic Effects Efectos Metálicos



Art. 71190 German/Allied WWII Aliados/Alemán WWII



Art. 71191 Railway Colors (Europe) Colores Ferroviarios



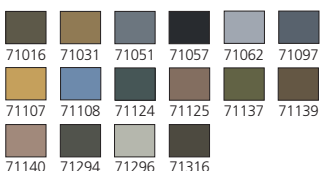
Art. 71192 Building Set Set Construcción



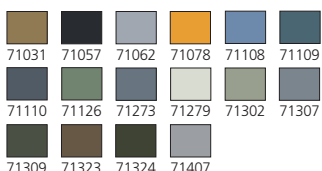
Art. 71194 Weathering Set Set Envejecimiento



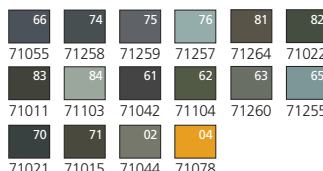
Art. 71185 WWII USAAF Aircraft



Art. 71189 WWII British RAF & FAA



Art. 71193 RLM Colors Colores RLM



Special Model Air sets

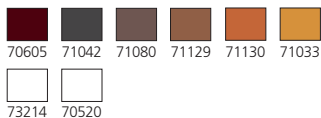
Collection of Model Air sets for painting models and miniatures. Each one of these sets has a selection of special colors for painting vehicles, figures, etc. The sets contain bottles of 17 ml., leaflet with photographs, painting instructions and color chart.

Art. 71186

Rust & Chipping Effects

Selection of 8 Model Air colors in 17 ml. bottles to create the effects of rust and wear caused by exposure. The step by step photographs made by Chema Cabrero guide the model painter to achieve the final satisfying results.

Selección de 8 colores acrílicos Model Air de 17 ml. para efectos de óxido y envejecimiento sobre la superficie. Ilustrado con un paso a paso de Chema Cabrero que guiará al modelista hacia resultados finales satisfactorios.

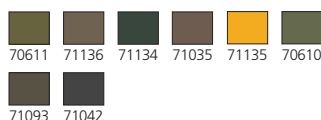


Art. 71160

IJA Colors Early/Late (1935-1945)

8 colors Model Air in 17 ml. to paint camouflages of the Imperial Japanese Army (IJA). Includes pattern for HA-Go Early Camouflage colors in China & Pacific 1937-1942 and the CHI-HA Late Camouflage colors implemented in 1942.

8 colores Model Air en frascos de 17 ml. para pintar camuflajes del Ejército Imperial japonés (IJA) con esquema de pintado para colores HA-Go Early Camouflage en China & Pacífico 1937-1942, y colores del CHI-HA Late Camouflage, implementados en 1942. Con la colaboración de Lothar Limprecht.

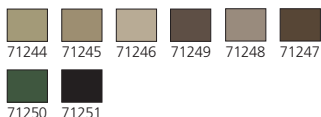


Art. 71159

Umtarnfarbem Set

A selection of 8 Model Air colors in 17 ml. used for the standard camouflage of vehicles in the EU (NATO), as well as the colors employed to change these patterns for a quick adjustment to the extreme climatic conditions of the dry deserts and mountains of the Nato missions in Mid-East territories.

Una selección de 8 colores Model Air en 17 ml. utilizados para los camuflajes standard de vehículos de los ejércitos de la EU (NATO), y los colores empleados para cambiar estos camuflajes rápidamente para ajustarlos para misiones en territorios de condiciones climáticas extremos en terrenos secos y de desierto.



Art. 71187

Old & New Wood Effects

This color set with step by step instructions is designed to help the modeler in creating new wood and old gray-silver weathered wood effects. The wood colors can be used for such things as boxes and crates as well as tool handles. The old wood colors will help replicate much older and more weathered wood.

Este set de colores y el paso a paso con sus instrucciones están diseñadas para ayudar al modelista en la recreación de la madera nueva y vieja. Los colores de madera se pueden utilizar para cosas tales como cajas y cajones, así como mangos de herramientas. Los colores de madera envejecida ayudarán a reproducir la madera más antigua y más deteriorada madera envejecida.



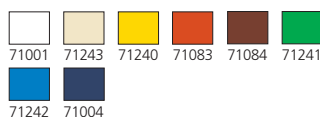
Special Model Air sets

Art. 71154

Blaulicht Set / Bluelight Set

The Blue Light Set contains 8 Model Air colors in 17 ml. which include the official RAL colors employed in the EEUU (official guide 2005) for use on emergency vehicles, such as ambulances, police vehicles and fire brigades.

El set "Luz Azul" de 8 colores Model Air en 17 ml., contiene los colores que corresponden a los colores RAL designados oficialmente en la EEUU (guía oficial de 2005) para vehículos de emergencia como ambulancias, coches de policía y bomberos.

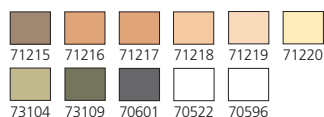


Art. 71153

Desert War / Guerra del Desierto

Selection of colors to reproduce zenith lighting (the effect of the overhead sunlight falling on the model). With step by step photographs and instructions by Jose Brito.

Selección de colores para reproducir la luz cenital (efecto de la luz solar sobre el modelo). Ilustrado con fotografías e instrucciones paso a paso de Jose Brito.



Art. 71170

Basic Color Case

Plastic case with 72 Model Air acrylic colors. Also includes 2 Mediums, 3 Toray brushes and color chart. See colors on www.acrylicosvallejo.com

Maletín de plástico con 72 colores acrílicos Model Air. Además, incluye 2 Mediums, 3 pinceles de Toray y carta de colores. Véase colores en www.acrylicosvallejo.com

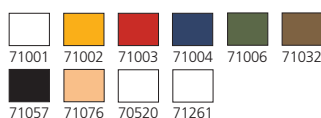


Art. 71167

Basic Colors + Airbrush

Selection of 10 acrylic Model Air colors in bottles of 17 ml. and Ultra H.S. airbrush and color chart.

Este estuche contiene una selección de 10 colores acrílicos Model Air en frascos de 17 ml. con un aerógrafo Ultra H.S. y carta de colores.



Special Model Air sets

Art. 71168

Camouflage Colors & Airbrush

Selection of 10 acrylic Model Air colors in bottles of 17 ml. with an Ultra Harder & Steenbeck airbrush and color chart.

Este estuche contiene una selección de 10 colores acrílicos Model Air en frascos de 17 ml. con un aerógrafo Ultra Harder & Steenbeck y carta de colores.



Art. 71172

Basic Colors & Airbrush

Plastic case with 29 Model Air acrylic colors, an Ultra H.S. airbrush, Hose 2,5 m., 1 quick Coupling Connection, Airbrush Cleaner and color chart.

Maletín de plástico para el transporte de pinturas. Incluye 29 colores acrílicos Model Air, un aerógrafo Ultra H.S., Manguera 2,5 m., Conexión Rápida para compresor, Limpiador de Aerógrafo y carta de colores.



Art. 71173

Camouflage Colors & Airbrush

Plastic case with 29 Model Air colors, an Ultra Harder & Steenbeck airbrush, Hose 2,5 m., 1 quick Coupling Connection, Airbrush Cleaner and color chart.

Maletín de plástico para el transporte de pinturas. Incluye 29 colores acrílicos Model Air, un aerógrafo Ultra Harder & Steenbeck, Manguera 2,5 m., Conexión Rápida para compresor, Limpiador de Aerógrafo y carta de colores.



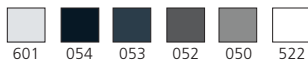
AFV Armour Painting System

Art. 78400

AFV Dunkelgrau / German Dark Grey

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Jose Brito. See also our Weathering Set for Yellow and Grey vehicles (Ref.78.405).

Contiene 6 colores de 8 ml. para Vehículos Blindados. Incluye paso a paso de Jose Brito. Véase también Estuche Envejecimiento para Vehículos Amarillos y Grises (Ref.78.405).



#601 Grey Primer / Imprimación Gris



#054 Dark Grey / Dunkelgrau RLM74



#053 Dark Sea Green / Verde Mar Oscuro



#052 German Grey / Gris Alemán



#050 Light Grey / Gris Claro



#522 Satin Varnish / Barniz Satinado

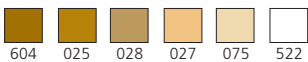


Art. 78401

AFV Dunkelgelb / German Yellow

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Jose Brito. See also our Weathering Set for Yellow and Grey vehicles (Ref.78.405).

Contiene 6 colores de 8 ml. para Vehículos Blindados. Incluye paso a paso de Jose Brito. Véase también Estuche Envejecimiento para Vehículos Amarillos y Grises (Ref.78.405).



#604 German Dark Yellow Primer



#025 Dark Yellow / Dunkelgelb RAL7028



#028 Sand Yellow / Amarillo Arena



#027 Light Brown / Marrón Claro



#075 Sand (Ivory) / Elfenbein RAL1001



#522 Satin Varnish / Barniz Satinado



AFV Armour Painting System

Art. 78402

US Army Olive Drab / Verde Oliva USA

Contains 6 colors in 8 ml. for armour vehicles, with step by step photographs made by Jose Brito. See also our Weathering Set for Green vehicles (Ref.78.406).

Contiene 6 colores de 8 ml. para Vehículos Blindados. Incluye paso a paso de Jose Brito. Véase también Estuche Envejecimiento para Vehículos Verdes (Ref.78.406).



#608 US Olive Drab / Verde Oliva US



#013 Yellow Olive / Oliva Amarillo



#016 US Dark Green / Grün RLM 73



#043 Olive Drab / Brauviolett RLM 81



#044 Light Grey Green / Grau RLM 02



#522 Satin Varnish / Barniz Satinado



Art. 78403

AFV Russian Green 4BO / Verde Ruso 4BO

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Jose Brito. See also our Weathering Set for Green vehicles (Ref.78.406).

Contiene 6 colores de 8 ml. para Vehículos Blindados. Incluye paso a paso de Jose Brito. Véase también Estuche Envejecimiento para Vehículos Verdes (Ref.78.406).



#609 Russian Green / Verde Ruso 4BO



#018 Cam. Black Green / Cam. Verde Negro



#017 Russian Green / Olivgrün RLM 80



#223 Green / Verde



#225 Light Green / Verde Claro



#522 Satin Varnish / Barniz Satinado



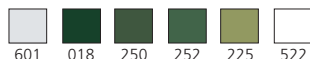
AFV Armour Painting System

Art. 78407

UK Bronze Green / Verde Bronce UK

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Chema Cabrero. See also our Weathering Set for Green vehicles (Ref.78.406).

Contiene 6 colores de 8 ml. para Vehículos Blindados. Incluye paso a paso de Chema Cabrero. Véase también Estuche Envejecimiento para Vehículos Verdes (Ref.78.406).



#601 Grey Primer / Imprimación Gris



#018 Cam. Black Green / Cam. Verde Negro



#250 Bronze Green / Verde Bronce



#252 1st Highlight / 1ª Luz



#225 Light Green / Verde Claro



#522 Satin Varnish / Barniz Satinado

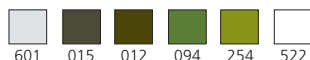


Art. 78408

Modern Russian Green / Verde Ruso Moderno

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Chema Cabrero. See also our Weathering Set for Green vehicles (Ref.78.406).

Contiene 6 colores de 8 ml. para Vehículos Blindados. Incluye paso a paso de Chema Cabrero. Véase también Estuche Envejecimiento para Vehículos Verdes (Ref.78.406).



#601 Grey Primer / Imprimación Gris



#015 Olive Green / RAL6006 Feldgrau



#012 Dark Green / Verde Oscuro



#094 Zinc Green Chromate / Verde Zinc



#254 Bright / Brillo



#522 Satin Varnish / Barniz Satinado



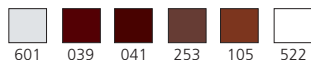
AFV Armour Painting System

Art. 78411

German Red Oxide / Oxid Rot

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Chema Cabrero.

Contiene 6 colores de 8 ml. para Vehículos Blindados. Incluye paso a paso de Chema Cabrero.



601 039 041 253 105 522



#601 Grey Primer / Imprimación Gris



#039 Hull Red / Marrón Rojizo



#041 Armor Brown / Rotbraun RAL8017



#253 1st Highlight / 1ª Luz



#105 Brown / Braun RLM 26



#522 Satin Varnish / Barniz Satinado

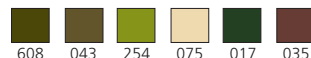


Art. 78412

US Vietnam / Olive Drab

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Joaquín García Gázquez. See also our Weathering set for Green Vehicles (Ref.78.406).

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye paso a paso de Joaquín García Gázquez. Véase también estuche Envejecimiento para Vehículos Verdes (Ref.78.406).



608 043 254 075 017 035



#608 US Olive Drab / Verde Oliva USA



#043 Olive Drab + #254 Bright



#254 Bright / Brillo



#075 Sand / Arena



#043 Olive Drab + #017 Russian Green



#035 Cam. Pale Brown / Cam. Pardo Claro



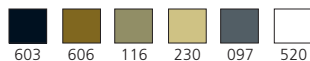
AFV Camouflage Series

Art. 78409

German Afrika Korps (DAK) 1941/1942

Contains 6 colors in 8 ml. for armoured vehicles, with step by step instructions and photographs by Chema Cabrero.

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye fotografías y paso a paso de Chema Cabrero.



#603 German Panzer Grey RAL7021



#097 Base Grey / Gris Base



#606 German Green Brown RAL8000



#230 Light / Luz



#116 Cam. Grey Green RAL 7008



#520 Mat Varnish / Barniz Mate

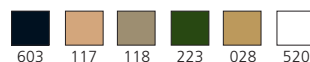


Art. 78410

German Afrika Korps (DAK) 1942/1944

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs and instructions by Chema Cabrero.

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye fotografías y paso a paso de Chema Cabrero.



#603 Schwargrau RAL7021 / German Panzer Grey



#117 Cam. Brown / Braun RAL8020



#028 Sand Yellow / Amarillo Arena



#118 Cam. Grey RAL 7027



#223 Green / Verde



#520 Mat Varnish / Barniz Mate



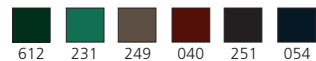
AFV Camouflage Series

Art. 78413

NATO Armour Colors

Contains 6 colors in 8 ml. for armoured vehicles, with step by step instructions and photographs by Chema Cabrero.

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye fotografías y paso a paso de Chema Cabrero.



#612 NATO Green / Verde NATO



#231 NATO light / NATO Luz



#249 NATO Brown / Marrón NATO



#040 Burnt Umber / Sombra Tostada



#251 NATO Black / Negro NATO



#054 Dark Grey Blue / Dunkelgrau

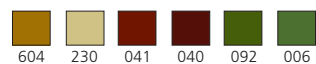


Art. 78414

German Camouflage 1943/1944

Contains 6 colors in 8 ml. for armoured vehicles, with step by step instructions and photographs by Chema Cabrero.

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye fotografías y paso a paso de Chema Cabrero.



#604 Dunkelgelb



#230 Light / Luz



#092 Olivgrün / Medium Olive



#006 Cam. Light Green / Cam. Verde Claro



#041 Rotbraun



#040 Burnt Umber / Sombra Tostada



AFV Weathering System

Art. 78405

Weathering for Yellow / Grey vehicles

Contains 6 colors in 8 ml. and 1 pigment in 10 ml. for weathering armoured vehicles, with step by step instructions and photographs by Jose Brito.

Contiene 6 colores de 8 ml. y 1 pigmento de 10 ml. para envejecimiento y desgaste de vehículos. Incluye fotografías y paso a paso de Jose Brito.



Paint the tracks in #822 German Camouflage Black Brown and once well dry apply a well thinned layer of #976 Buff and #985 Hull Red. Apply small paint scratches in #822 German Camouflage Black Brown. For this task you can use a small sponge and end the job with a brand new fine 10/0 brush.



Apply an overall wash in #515 Wash for German Grey. For this task use a medium flat brush. Apply the #104 Pigment well dispersed in #233 Pigment Binder. At this stage, pay special attention to the tracks and running gear.



Apply another coat of #515 Wash for German Grey. This time around the most recessed and raised parts. At this stage, also apply more fine scratches in #976 Buff and #985 Hull Red, just to add some color variation. Apply #104 Pigment in the desired spots, fix it in place using #233 Pigment Binder.



Paint the tracks in #822 German Cam. Black Brown and once dry apply a well thinned layer of #976 Buff and #985 Hull Red. At this stage, also apply an overall coat of #513 Wash for German Yellow. Apply small paint scratches in #822 German Camouflage Black Brown. For this task you can use a small sponge and end the job with a brand new fine 10/0 brush.



Apply an overall wash in #513 Wash for German Yellow. For this task use a medium flat brush. Pay a special attention to the running gear and tracks. Apply the #104 Pigment well dispersed in #233 Pigment Binder. At this stage, make sure to pay special attention to the tracks and running gear.



Apply another coat of #513 Wash for German Yellow. This time around the most recessed and raised parts. At this stage, also apply more fine scratches in #976 Buff and #985 Hull Red, just to add some color variation. Apply #104 Pigment directly from the jar and once in the desired spots, fix it in place using #233 Pigment Binder.

Art. 78406

Weathering for Green vehicles

Contains 6 colors in 8 ml. and 1 pigment in 10 ml. for weathering armoured vehicles, with step by step instructions and photographs by Jose Brito.

Contiene 6 colores de 8 ml. y 1 pigmento de 10 ml. para envejecimiento y desgaste de vehículos. Incluye fotografías y paso a paso de Jose Brito.



Paint the tracks & wheels in #822 Ger. Cam. Black Brown and once thoroughly dry apply a thinned layer of #976 Buff and #985 Hull Red.



Apply a coat of #514 Dark Brown wash over the tracks, running gear and chassis lower parts.



Apply an overall wash in #512 Dark Green. At this stage start applying the pigments dispersed in #233 Pigment Binder.



Apply the #104 Light Siena dispersed in #233 Pigment Binder. At this stage, pay special attention to the tracks and running gear.



Apply another coat of #512 Dark Green. This time around the most recessed and raised parts. At this stage, also apply more fine scratches in #976 Buff and #985 Hull Red, just to add some color variation.



Apply #104 Pigment directly from the jar and once in the desired spots, fix it in place using #233 Pigment Binder.

Air War Color Series



Model Air sets with 8 colors developed on the basis of intensive research and precise color matching with the Federal Standard 595, RLM and British Standard Colours BS381C color specifications. The sets include the colors for the air plane profiles and camouflage patterns drawn by Mark Rolfe. With the collaboration of "Pieza a Pieza".

Estuches de 8 Colores Model Air formulados después de un riguroso estudio y comprobado su tono exacto con la guía Federal Standard 595, RLM y British Standard Colours BS381C. Incluye perfiles de aviones realizados por Mark Rolfe, en los cuales se indican los colores necesarios para pintar los esquemas de camuflajes y una descripción de los mismos. Con la colaboración de "Pieza a Pieza Modelling Workshop".

Art. 71155

US Navy & USMC Colors from 70's to present

This set has been developed to paint the color schemes of most of the US NAVY and USMC aircraft in service since the seventies to the present.

Este estuche ha sido desarrollado para pintar los esquemas de la mayoría de los aviones de la US NAVY y USMC desde la década de los 70 hasta la actualidad.



FS37875 AV71279	FS36440 AV71121	FS35237 AV71114	FS36118 AV71097	FS36231 AV71277	FS36320 AV71120	FS36375 AV70615	FS36495 AV71276
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FS36440: Upper surface color for carrier-based US Navy aircraft from 1955 to 1977. Employed in combination with FS17875 for the lower surface. Also general finish for TPS 1977 color scheme and "Ferris" camouflage. **FS37875:** Lower surface color for carrier-based US Navy aircraft from 1955 to 1977. Employed in combination with FS36440 or FS16440 for upper surface. **FS35237:** Low visibility TPS color scheme for carrier-based aircraft starting 1980. Combined with FS36375/36320. For example see aircraft: F-4S, F-14D, A-6E, EA-6B, etc. **FS36118:** Low visibility TPS color scheme for USMC aircraft starting 1980. Combined with FS36320/36231. For example see AV-8B Harrier. **FS36231:** Low

visibility TPS for USMC aircraft starting 1980. Combined with FS36118/36320. For example see AV-8B Harrier. **FS36320:** Low visibility TPS color scheme for carrier-based aircraft starting 1980. Combined with FS35237/36375. For examples see aircraft F-4S, F-14D, A-6E, EA-6B, etc. **FS36375:** Low visibility TPS color scheme for carrier-based aircraft starting 1980. Combined with FS35237/36320. For examples see aircraft F-4S, F-14D, A-6E, EA-6B, etc. **FS36495:** Low visibility TPS color scheme for the first models of F/A-18 aircraft, starting 1980. Combined with FS36375/35237.

Air War Color Series

Art. 71156

USAF Colors "Grey Schemes" from 70's to present

This set has been developed to paint the low visibility grey color schemes ("Hill", "Mod Eagle", "Ghost", etc.) of the USAF aircraft from the seventies to the present.

Este estuche ha sido desarrollado para pintar esquemas grises de baja visibilidad ("Hill", "Mod Eagle", "Ghost", etc.) de los aviones de la USAF desde la década de los 70 hasta la actualidad.



FS36231 AV71277	FS36118 AV71097	FS36176 AV71273	FS36251 AV71274	FS36270 AV71275	FS36320 AV71120	FS36375 AV70615	FS36495 AV71276
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FS36231: Interior cockpit color in the USAF fighters (F-4, F-15, F-16, etc.). **FS36118:** Color scheme "Ferris", Egypt" and "Hill". Combined with FS36270/36320/ 36375. Example aircraft: F-4G, A-10C, F-16C. **FS36176:** Color schemes "Mod Eagle" and "Ghost". Combined with FS36251/36375. Example aircraft: F-15C, F-22A. **FS36251:** Color scheme "Mod Eagle" and "Ghost". Combined with FS36176/36375. Example aircraft: F-15C, F-22A. **FS36270:** Color scheme "Egypt" and "Hill". Com-

combined with FS 36118/36375. Example aircraft: F-4G, F-16C. **FS36320:** Color scheme "Ghost" and "Hill". Combined with FS 36118/36375. Example aircraft: A-10C, F-15C. **FS36375:** Color scheme "Ghost", "Egypt", "Hill", "Ferris" and "Mod Eagle". Combined with FS36118/36176/36251/36270/36320. See example aircraft: F-15C, A-10C, F-16C, F-22A. **FS36495:** Color scheme "Ghost" First models F/A-18's. Also color scheme "Flipper" (A-10A) and Agressor "MIG-29" (F-16).

Art. 71164

Luftwaffe Maritime & Tropical Colors

This set has been developed for the painting of Luftwaffe camouflage patterns developed for aircraft in maritime deployment, as well as for the colors used for any type of aircraft operating in the North African campaign and the Mediterranean zone starting in 1941.

Este estuche ha sido desarrollado para pintar el esquema de camuflaje de la Luftwaffe diseñado para los aparatos de uso marítimo, así como los tonos empleados por cualquier tipo de avión operativo en la campaña del Norte de África y área del Mediterráneo a partir de 1941.



RLM 65 AV71255	RLM 72 AV71263	RLM 73 AV71256	RLM 78 AV71101	RLM 79 AV71278	RLM 80 AV71265	RLM 02 AV71044	RLM 66 AV71055
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RLM 65: Standard color for lower surface, for fighters from 1938 to the middle of 1941, and for rest of aircraft (bombers, reconnaissance, transport and maritime, etc.) from 1938 to 1945. **RLM 72:** Standard camouflage color for upper surfaces, combined with RLM 73. All types of seaplanes, (hidros, reconnaissance, attack, etc.) from 1938 to 1945. **RLM 73:** Standard camouflage color for upper surfaces combined with RLM 72. All types of seaplanes, (hidros, reconnaissance, attack, etc.) from 1938 to 1945. **RLM 78:** Standard lower surface color for all types of aircraft (fighters, bombers, reconnaissance, transport, etc.) deployed in desert and tropical terrain. From 1941 to 1943/44. **RLM**

79: Standard camouflage color for upper surfaces, used by itself or combined with RLM 80. For all kinds of aircraft (fighters, bombers, reconnaissance, transport, etc.) deployed in desert and tropical terrain. From 1941 to 1943/44. **RLM 80:** Camouflage color for upper surface, combined with RLM 79. For all kinds of aircraft (fighters, bombers, reconnaissance, transport, etc.) deployed in desert and tropical terrain. From 1941 to 1943/44. **RLM 02:** Interior cockpit color until the middle of 1941. Combined with RLM 71 used as upper surface camouflage color for fighters until 1941 and for mottled camouflage until 1945. **RLM 66:** Interior cockpit color employed from the middle of 1940 to 1945.

Air War Color Series

Art. 71165

Luftwaffe Colors Pre-War 1941

This set has been developed for camouflage patterns of any type WWII Luftwaffe aircraft previous to the WWII and the Spanish Civil War (Cónдор Legion), as well as for the campaigns and initial phases of the conflict in Poland, Northern Europe, and the battles of France and England.

Este estuche ha sido desarrollado para pintar los esquemas de camuflaje de cualquier tipo de avión de la Luftwaffe previos a la II GM y Guerra Civil Española "Legión Cónдор", así como las campañas o fases iniciales del conflicto: Polonia, Países Nórdicos, Batalla de Francia, Batalla de Inglaterra, etc.



	RLM 61 AV71042		RLM 62 AV71104		RLM 63 AV71260		RLM 65 AV71255		RLM 70 AV71021		RLM 71 AV71015		RLM 02 AV71044		RLM 04 AV71078
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RLM 61: Standard upper surface camouflage color, combined with RLM 62/63. Pre-WWII and "Legión Cónдор". Fighters, bombers, reconnaissance and transport aircraft, etc. **RLM 62:** Standard upper surface camouflage color, combined with RLM 61/63. Pre-WWII and "Legión Cónдор". Fighters, bombers, reconnaissance and transport aircraft, etc. **RLM 63:** Standard upper surface camouflage color, combined with RLM 61/62. Pre-WWII and "Legión Cónдор". Fighters, bombers, reconnaissance and transport aircraft, etc. **RLM 65:** Standard lower surface color, used on fighters until middle 1941, and all other aircraft (bombers, reconnaissance, transport and maritime, etc.) from 1938 to 1945. **RLM 70:** Standard camouflage color for upper surface, combined with RLM 71. Fighters from 1938 to be-

ginning 1940, and other aircraft (bombers, reconnaissance, transport, etc.) from 1938 to 1945. **RLM 71:** Standard camouflage color for upper surface, combined with RLM 70. Fighters from 1938 to beginning of 1940, and other aircraft, (bombers, reconnaissance, transport, etc.) from 1938 until 1945. **RLM 02:** Color for interiors until middle 1941, and upper camouflage for fighters, combined with RLM 71 until 1941, and mottled camouflage until 1945. **RLM 04:** Color for tactical identification (fuselage stripes, wing tips, engine zone, etc.) and for lettering, numbers and insignia. From 1938 until 1945.

Art. 71166

Luftwaffe Colors 1941 to End-War

This set has been developed for camouflage patterns of all Luftwaffe models of fighters (single-engine, heavy and night fighters) starting in 1941, as well as the colors employed towards the end of the war (1944-45) on the latest models of interceptors, and on the revolutionary new jets and latest model aircraft.

Este estuche ha sido desarrollado para pintar los esquemas de camuflaje de todo tipo de cazas (monomotor, pesado y nocturno) de la Luftwaffe a partir de 1941, así como los tonos del final de la guerra (1944-45) usados en los últimos modelos de interceptores y los revolucionarios reactores y aviones de última generación.



	RLM 66 AV71055		RLM 74 AV71258		RLM 75 AV71259		RLM 76 AV71257		RLM 81 AV71264		RLM 82 AV71022		RLM 83 AV71011		RLM 84 AV71103
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RLM 66: Interior cockpit color from 1940 to 1945. **RLM 74:** Standard upper surface camouflage color, combined with RLM 75. For all fighter models, (single engine, heavy- and night fighters). From middle 1941 to 1945.

RLM 75: Standard upper surface camouflage color, combined with RLM 74. For all fighter models, (single engine, heavy- and night fighters). From middle 1941 to 1945. **RLM 76:** Standard lower surface color. For all fighter models, (single engine, heavy- and night fighters). From middle 1941 to 1945.

RLM 81: Upper surface camouflage color, combined with one or more colors (RLM 82/83/75). All ty-

pes of fighters, (single engine, heavy- and night fighters), and late generation bombers. From 1944 to 1945. **RLM 82:** Upper surface camouflage color, combined with one or more colors (RLM 81/83/75). All types of fighters, (single engine, heavy- and night fighters), and late generation bombers. From 1944 to 1945. **RLM 83:** Upper surface camouflage color, combined with 1 or more colors (RLM 81/82/75). All types of fighters, (single engine, heavy- and night fighters), and late generation bombers. From 1944 to 1945. **RLM 84:** Alternative color to RLM 76, for lower surfaces on single engine fighters (Me. 109 & Fw. 190). From 1944 to 1945.

Air War Color Series

Art. 71157

US NAVY & USMC Colors WWII

Set with 8 Model Air colors in 17ml. developed for painting the principal camouflage patterns of most of the US NAVY & USMC aircraft used in WWII.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los principales esquemas de la mayoría de los aviones de la US NAVY & USMC utilizados en la II Guerra Mundial.



M-485
FS 35189
AV71109

M-495
FS 36357
AV71298

ANA 601
FS 37875
AV71279

ANA 607
FS 35042
AV71295

ANA 608
FS 35164
AV71299

ANA 620
FS 36440
AV71121

ANA 621
FS 36231
AV71277

ANA 623
FS 15042
AV71300

M-485 Blue Gray (FS 35189): Color used for upper surface, combined with M-496, since August 1941 to the beginning of 1943. **M-495 Light Gray (FS 36357):** Monochromatic color scheme for all aircraft surfaces starting December 1940 until summer 1941 and for lower surfaces, combined with M-485, starting August 1941 until January 1943. **ANA 601 Insignia White (FS 37875):** Color used for numbers, insignias, etc. during the entire War. For lower surfaces, a tricolor scheme (ANA 607/ANA 608/ANA 601) was used from January 1943 to June 1944. Lower surface and sides color scheme ASW I & II Atlantic Zone. **ANA 607 NS Sea Blue (FS 35042):** Upper surface tricolor scheme (ANA 607/ANA 608/ANA 601), from January 1943

until June 1944. **ANA 608 Intermediate Blue (FS 35164):** Side fuselage tricolor scheme (ANA 607/ANA 608/ANA 601), from January 1943 until June 1944. **ANA 620 Light Gull Gray (FS 36440):** Side fuselage color scheme ASW I Atlantic Zone(ANA 621/ANA 620/ANA 601), from January 1943 until the end of the war. **ANA 621 Dark Gull Gray (FS 36231):** Upper surface color scheme ASW I & II Atlantic Zone (ANA 621/ANA 620/ANA 601), from January 1943 until the end of the war. **ANA 623 Glossy Sea Blue (FS 15042):** Monochromatic color scheme for all aircraft surfaces from June 1944 until the end of the war. This color is the same as ANA 607 but with a gloss finish.

Art. 71182

US Army Air Corps Colors (ETO) WWII

Set with 8 colors Model Air in 17 ml., developed for painting the principal camouflage patterns of most of the US ARMY AIR CORPS aircraft deployed in the European Theater of Operations (ETO) during WWII.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar el principal esquema de la mayoría de los aviones de la US ARMY AIR CORPS utilizados en el Teatro de Operaciones Europeo (ETO) durante la II Guerra Mundial.



N.41
AV71316

N.43
FS 36173
AV71051

ANA 603
FS 36118
AV71097

ANA 611
FS 34151
AV71137

ANA 612
FS 34092
AV71124

ANA 613
FS 34088
AV71016

Zinc Chrom.
Yellow
AV71107

Aluminium
AV71062

N. 41 Olive Drab: Due to the large stock available, this color was used before and during the entire War on the upper surfaces of all kinds of US ARMY aircraft. **N. 43 Neutral Gray (FS 36173):** Due to the large stock available, this color was used before and during the entire War on the lower surfaces of all kinds of US ARMY aircraft. **ANA 603 Sea Gray (FS 36118):** Color which replaces N.43 Neutral Gray beginning 1.942 according to the new norm ANA. The large stock of N.43 available resulted in both colors coexisting during the entire War. **ANA 611 Interior Green (FS 34151):** Standard Color in most cockpits and crew areas during the entire War. **ANA 612 Medium Green (FS 34092):** Color used occasionally on N. 41/ANA 613 in the form

of irregular patches to break the outline the profile of the aircraft. Principally used for bombers. **ANA 613 Olive Drab (FS 34088):** Color which substitutes N. 41 Olive Drab starting 1942, in accordance with the new ANA guidelines. The large quantity available of N.41 caused both colors to coexist. **Zinc Chromate Yellow:** Basic primer employed in the aeronautic industry to protect the interior and exterior structure. **Aluminium:** At the beginning of 1944, the obligation to paint the aircraft was abolished, and planes left the factory in natural, unpainted metal.

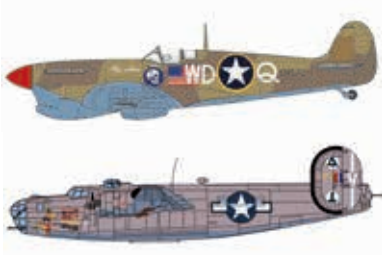
Air War Color Series

Art. 71183

US Army Air Corps Colors (MTO) WWII

Set with 8 Model Air colors in 17ml., developed for painting the camouflage patterns of most of the US ARMY AIR CORPS aircraft deployed in the Mediterranean Theater of Operations (MTO) during WWII.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los esquemas de camuflaje de la mayoría de los aviones del US ARMY AIR CORPS utilizados en el Teatro de Operaciones Mediterráneo (MTO) durante la II Guerra Mundial.



N.41 AV71316	N.43 FS 36173 AV71051	ANA 609 FS 35231 AV71108	ANA 611 FS 34151 AV71137	ANA 615 FS 30266 AV71031	ANA 616 FS 30279 AV71140	ANA 617 FS 30118 AV71139	Zinc Chromate Yellow AV71107
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N. 41 Olive Drab: Due to the large stock available this color was used before and during the entire war on the upper surfaces of all types of US ARMY aircraft. **N. 43 Neutral Gray (FS 36173):** Color used before and during the War, owing to the great quantity of stock available, on lower surfaces of all kinds of aircraft in the US ARMY. **ANA 609 Azure Blue (FS 35231):** Lower color desert pattern of the RAF, adopted by the USAAF, combined with ANA 615/ANA 617 on upper surfaces. **ANA 611 Interior Green (FS 34151):** Standard color for most cockpits and crew areas throughout the entire war. **ANA 615 Middlestone (FS 30266):** Upper surface color desert pattern combined with ANA 617 and ANA 609 on the lower part of the fuselage. Similar

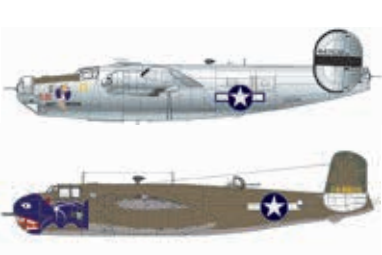
to RAF color for operations in this theatre of operations. **ANA 616 Desert Sand (FS 30279):** Color developed for the USAAF for dry and desert theatres of operations. Color was applied to the upper surface only, or combined with ANA 613 Olive Drab, and lower surface N.43 Neutral Gray. **ANA 617 Dark Earth (FS 30118):** Upper surface color desert pattern, combined with ANA 615 and ANA 609 for lower surfaces, similar to the RAF colors for this theatre of operations. **Zinc Chromate Yellow:** Basic primer used by the aeronautic industry to protect interior and exterior structures.

Art. 71184

US Army Air Corps Colors (CBI) Pacific Theater WWII

Set with 8 Model Air colors in 17 ml., developed for painting the camouflage patterns of most of the aircraft of the US ARMY AIR CORPS deployed in the China/Burma/India (CBI) Theater of Operations, as well as in the Pacific Campaign during WWII.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los esquemas de la mayoría de los aviones de la US ARMY AIR CORPS utilizados en el teatro de operaciones China/Burma/ India (CBI), así como en la Campaña Del Pacífico durante la II Guerra Mundial.



Curtiss Brown AV71125	Curtiss Green AV71294	Curtiss Gray AV71296	N.43 FS 36173 AV71051	ANA 611 FS 34151 AV71137	ANA 612 FS 34092 AV71124	ANA 613 FS 34088 AV71016	Aluminium AV71062
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Curtiss Brown DuPont: Upper surface color combined with Curtiss Green, manufactured by DuPont according to RAF specifications for aircraft based in UK and deployed by USAAF. **Curtiss Green DuPont:** Upper surface color combined with Curtiss Brown manufactured by DuPont according to RAF specifications for aircraft based in UK and deployed by USAAF. **Curtiss Gray DuPont:** Lower surface color combined with Curtiss Green and Curtiss Brown manufactured by DuPont according to RAF specifications for aircraft based in UK and deployed by USAAF. **N. 43 Neutral Gray (FS 36173):** Due to the large stocks available, this color was used before and during the entire War for lower surfaces on all types of US Army aircraft.

ANA 611 Interior Green (FS 34151): Standard color for most cockpits and crew areas throughout the entire war. **ANA 612 Medium Green (FS 34092):** Color used occasionally on N. 41/ANA 613 in the form of irregular patches to break the outline the profile of the aircraft. Principally used for bombers. **ANA 613 Olive Drab (FS 34088):** Color which substitutes color N. 41 Olive Drab starting 1942 according to the new ANA specification. Due to the large stock of N. 41 available, both tones coexisted all during the War. **Aluminium:** At the beginning of 1944, the obligation to paint the aircraft was abolished, and planes left the factory in natural, unpainted metal.

Air War Color Series

Art. 71144

RAF Colors Special "Battle of Britain"

This set has been developed for painting the RAF fighter aircraft which participated in the major air battle of all times, "The Battle of Britain", from the beginning in July 1940 to the final phase or "Night Blitz" in May 1941.

Este estuche ha sido desarrollado para pintar los cazas de la RAF que participaron en el mayor choque aéreo de todos los tiempos: "La batalla de Inglaterra", desde su comienzo en Julio de 1940, y su fase final o "Blitz Nocturno" en Mayo de 1941.



NEW!



BS 450
AV71323

BS 241
AV71324

BS 210
AV71302

BS 216
AV71009

BS 101
AV71404

BS 642
AV71057

BS 283
AV71126

FS 34373
AV71305

Dark Earth (BS 450): Combined with Dark Green and other colors, camouflage for the upper surface, used since 1937 and during the entire war on all types of aircraft and fronts. **Dark Green (BS 241):** Combined with Dark Earth or other colors for camouflage of the upper surface, used since 1937 and during the entire war on all types of aircraft and fronts. **Sky Type S (BS 210):** Lower color introduced in June 1940 for all kinds of aircraft and daytime use (RAF & FAA); also used for tactical markings, numbers and identification. **Eau de Nil "Duck Egg Green" (BS 216):** Lower color alternative for Sky Type S, much used at the beginning of the war for fighters and bombers with "Temperate Land" camouflage schemes, also for tactical markings. **No. 1 Sky Blue "Duck Egg Blue" (BS 101):** Lower color alternative to Sky Type S, at beginning of war

in fighters and bombers with color scheme "Temperate Land", Coastal Command and tactical markings. **Night Black (BS 642):** Lower parts of aircraft for daytime use combined with White and/or Aluminium or Sky Type S, from 1937 to April 1941. All lower surfaces of all kinds of aircraft for night use during the entire war. **Interior Grey-Green (BS 283):** Interior Color commonly used mostly on interior structures, cockpits and crew compartments on all types of aircraft of the RAF & FAA. **Interior Grey-Green (FS 34373):** Color variation for interior color BS 283, much used on interior structures, cockpits and crew compartments on all types of aircraft of the RAF & FAA.

Art. 71145

RAF Colors Bomber & Training Air Command 1939-1945

This set has been developed for painting all the bombers (light, medium and heavy) of the Bomber Air Command of the RAF from 1939 until the end of WWII. This set also includes "Trainer Yellow" which, combined with the other colors or by itself, can be used for most of the training aircraft and prototypes.

Este estuche ha sido desarrollado para pintar todos los bombarderos (ligeros, medios y pesados) del Bomber Air Command de la RAF desde 1939 hasta final de la guerra. Incluye el color "Trainer Yellow", que combinado con el resto de tonos o a solas nos permitirá decorar la mayoría de aparatos de entrenamiento, enlace e incluso prototipos.



NEW!



BS 450
AV71323

BS 241
AV71324

BS 642
AV71057

BS 637
AV71307

BS 210
AV71302

FS 34373
AV71305

BS 283
AV71126

BS 356
AV71078

Dark Earth (BS 450): Color for upper surface, combined with Dark Green (Temperate Land Scheme), from 1939 until the end of the war, for Bombers in day and night time missions. **Dark Green (BS 241):** Color for upper surface, combined with Dark Earth (Temperate Land Scheme) or Medium Sea Grey ("Mosquito Bombers"), from 1939 until the end of the war. Day and night time Bombers. **Night Black (BS 642):** Color for the lower surface of night-bombers, combined with Dark Earth/Dark Green on the upper surface (Temperate Land Scheme). From 1939 until the end of the war. **Medium Sea Grey (BS 637):** Color for the lower and upper surface of "Mosquito" bombers 1944-45, combined with Dark Green. Also used for numbers and codes. **Sky Type S (BS 210):** Color for the lower surface, combined with Dark Earth/Dark Green (Temperate

Land Scheme) and for the upper surface, from 1939 until the end of the war. Also used for numbers, codes and fuselage stripes. **Trainer Yellow (BS 356):** Color for lower surface or entire aircraft (1942-1945), for training aircraft, aircraft for liaison and tug targets (striped with Night Black), combined with Dark Earth/Dark Green (Temperate Land Scheme) on the upper surface starting 1939 until the end of the war. Also for numbers, codes and fuselage stripes. **Interior Grey-Green (BS 283):** Interior color, mostly used for interior structures, cockpits and crew areas of all types of RAF and FAA aircraft. **Interior Grey-Green (FS 34373):** Variation of the interior color BS 283, mostly used in interior structures, cockpits and crew areas of all types of RAF and FAA aircraft.

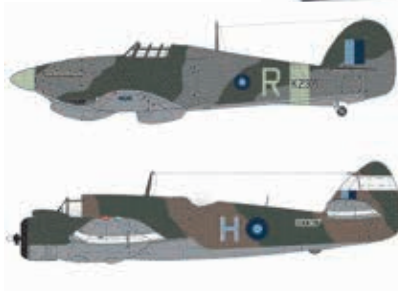
Air War Color Series

Art. 71146

RAF Colors SEAC (Air Command South East Asia) 1942-1945

This set has been developed for the painting of all types of aircraft of the RAF in the SEAC (Air Command South East Asia) based in the British colonies in the Far East.

Este estuche ha sido desarrollado para pintar todo tipo de avión de la RAF del SEAC (Air Command South East Asia), destinados en las colonias británicas del "Far East".



BS 450 AV71323	BS 241 AV71324	BS 629 AV71273	BS 637 AV71307	BS 210 AV71302	FS 35550 AV71306	BS 642 AV71057	FS 37875 AV71279
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Dark Earth (BS 450): Upper surface color, combined with Dark Green. From 1941 until the end of the war. **Dark Green (BS 241):** Upper surface color combined with Dark Earth or Ocean Grey. From 1941 until the end of the war. **Ocean Grey (BS 629):** Upper surface color combined with Dark Green. From 1942 until the end of the war. **Medium Sea Grey (BS 637):** Lower surface color combined with Dark Earth/Dark Green or Ocean Grey/Dark Green on the upper surface from 1942 until the end of the war. Also used for numbers and codes. **Sky Type S (BS 210):** Lower surface color, combined with Dark Earth/Dark Green on the upper

surface from 1941 until 1943. Also used for numbers, codes and fuselage stripes. **Sky Blue (FS 35550):** Lower surface color combined with Dark Earth/Dark Green on the upper surface starting in 1941 until the beginning of 1942. Also used for numbers, codes and fuselage stripes. **Night Black (BS 642):** Lower surface color together with Sky Type S or Sky Blue, combined with Dark Earth/Dark Green on the upper surface (Temperate Land Scheme) from 1941 until beginning 1942. **White (FS 37875):** Color for theater of operation identification stripes on the fuselage and wing surfaces, also used for numbers and codes.

Art. 71147

FAA (FLEET AIR ARM) Colors 1939-1945

This set has been developed for the painting of the aircraft of the Fleet Air Arm (FAA) of the British fleet, for land-based aircraft as well as for aircraft, British or American, embarked on carriers from 1939 until the end of the War.

Este estuche ha sido desarrollado para pintar los aviones del "Fleet Air Arm" (FAA) de la Flota británica, tanto para aparatos basados en tierra como embarcados en los porta-aviones, desde 1939 hasta final de Guerra, de origen inglés o de procedencia USA.



BS 640 AV71110	BS 634 AV71309	BS 638 AV71405	BS 639 AV71406	FS 36463 AV71407	BS 210 AV71302	BS 642 AV71057	FS 37875 AV71279
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Extra Dark Sea Grey (BS 640): Upper surface color combined with Dark Slate Grey (Temperate Sea Scheme) from 1937 until the end of the war, for all types of aircraft and missions. **Dark Slate Grey (BS 634):** Upper surface color combined with Dark Sea Grey (Temperate Sea Scheme) from the end of 1937 until the end of the war, for all types of aircraft and missions. **Dark Sea Grey (BS 638):** Upper surface color of the lower wing of biplanes, combined with Light Slate Grey (Shadow Scheme) until the end of 1940. For all kinds of aircraft and missions. **Light Slate Grey (BS 639):** Upper surface color of the lower biplane wings, combined with Dark Sea Grey (Shadow Scheme) until the end of 1940. For all kinds of aircraft and missions.

Sky Grey (FS 36463): Lower surface and sides, alone or combined with Night Black or Night Black/White, from 1937 until the beginning of 1941. Also used for numbers, codes and fuselage stripes. **Sky Type S (BS 210):** Color used on sides and lower surface of aircraft, from March 1941 until the end of the war, also for numbers, codes and fuselage stripes. **Night Black (BS 642):** Lower color combined with Sky Grey/White from October 1939 to February 1940, with Sky Grey from November 1940 to January 1941, or only by itself in different periods for special night missions. **White (FS 37875):** Color used for lower surface and lateral sections of the plane starting 1942 in antisubmarine missions or ASW.

Air War Color Series

Art. 71148

RAF Colors Coastal Command 1939-1945

This set has been developed for painting the aircraft of the RAF Coastal Command, for land based aircraft as well as for seaplanes, from 1939 until the end of the war.

Este estuche ha sido desarrollado para pintar los aviones del Mando Costero de la RAF (Coastal Command), tanto aparatos basados en tierra como hidroaviones, desde 1939 hasta final de guerra.



BS 450 AV71323	BS 241 AV71324	BS 640 AV71110	BS 634 AV71309	BS 210 AV71302	FS 35550 AV71306	BS 642 AV71057	FS 37875 AV71279
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Dark Earth (BS 450): Color for upper surface, combined with Dark Green (Temperate Sea Scheme), from 1939 to 1941, used on land based aircraft, for all kinds of missions. **Dark Green (BS 241):** Color for upper surface of the plane, combined with Dark Green (Temperate Sea Scheme), from 1939 to 1941, used on land based aircraft, for all kinds of missions. **Extra Dark Sea Grey (BS 640):** Color for upper surface, combined with Dark Slate Grey (Temperate Sea Scheme) from July 1941 until the end of the war, or by itself (1944-45), for all types of aircraft and missions. **Dark Slate Grey (BS 634):** Color for the upper surface, combined with Extra Dark Sea Grey (Temperate Sea Scheme), from July 1941 until the end of the war for all types of planes and missions. **Sky Type S (BS 210):** Color for lower surface, with Dark Earth/Dark Green o Extra

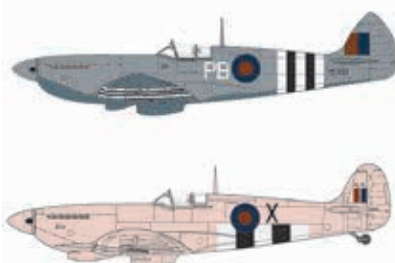
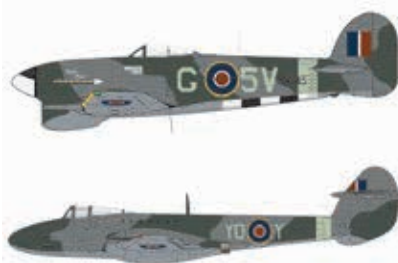
Dark Sea Grey/Dark Slate Grey (Temperate Sea Scheme) on the upper part from 1939 until the end of the war. Also used for numbers, codes and fuselage stripes. **Sky Blue (FS 35550):** Color for lower surface, combined with Dark Earth/Dark Green or Extra Dark Sea Grey/Dark Slate Grey (Temperate Sea Scheme) on the upper part from 1939 to 1941. **Night Black (BS 642):** Color for lower surface combined with Dark Earth/Dark Green on the upper surface (Temperate Sea Scheme) or Extra Dark Sea Grey/Dark Slate Grey, from September 1940 to June 1941. **White (FS 37875):** Color for lower surface and sides combined with Extra Dark Sea Grey/Dark Slate Grey on the upper surface (Temperate Sea Scheme). From July 1941 until the end of the war.

Art. 71162

RAF Colors Day Fighters 1941-1945 & P.R.U.

This set has been developed for painting the RAF day fighter aircraft from August 1941 until the end of the War, as well as the HF Interceptors (High Fighters). The set also includes the colors for the PRU (Photographic Reconnaissance Unit) aircraft.

Este estuche ha sido desarrollado para pintar los cazas diurnos de la RAF desde Agosto de 1941 hasta el final de la Guerra, así como Interceptores de "Alta Cota" HF (High Fighters). También incluye los tonos para decorar aviones de Reconocimiento Fotográfico o PRU.



BS 629 AV71273	BS 241 AV71324	BS 637 AV71307	BS 210 AV71302	BS 636 AV71109	PRU Pink AV71408	BS 642 AV71057	FS 37875 AV71279
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Ocean Grey (BS 629): Upper surface camouflage scheme for day fighters (Temperate Land) combined with Dark Green, used from 1941 until the end of the war. **Dark Green (BS 241):** Upper surface camouflage scheme for day fighters (Temperate Land) combined with Dark Green, used from 1941 until the end of the war. **Medium Sea Grey (BS 637):** Lower surface color scheme for day fighters (Temperate Land) combined with Dark Green/Ocean Grey, used since 1941 until the end of the war and for upper surface fighters HF fighters combined with PRU Blue. **Sky Type S (BS 210):** Tactical markings, numbers and identification, as well as propeller cones. **P.R.U. Blue (BS 636):** General color for Photographic Reconnaissance Units

(PRU) of medium and high altitudes. Also used for lower part of HF fighters. **P.R.U. Pink (FS 31668):** General color for Photographic Reconnaissance Units (PRU) of medium and low altitudes. **Night Black (BS 642):** Invasion stripes alternating with the color White, for fuselage and both sides of the central part of the wings. Used before and during "D" day and the invasion of Normandy. **White (FS 37875):** Invasion stripes alternating with the color Night Black, for fuselage and both sides of the wings. Used before and during "D" day and the invasion of Normandy.

Air War Color Series

Art. 71163

RAF Colors Desert Scheme & M.T.O. 1940-1945

This set has been developed for the painting of all types of RAF aircraft with the color patterns "Tropical Land Scheme", "Desert Scheme", "Special Coastal Scheme", etc. from June 1940 until the end of the War, in North Africa and the Mediterranean theatre.

Este estuche ha sido desarrollado para pintar todo tipo de avión de la RAF, esquemas "Tropical Land Scheme", "Desert Scheme", "Special Coastal Scheme", etc. desde Junio de 1940 hasta el final de la Guerra, en el Norte de África y el área del Mediterráneo.



FS 35550 AV71306	FS 35231 AV71108	FS 35177 AV71113	FS 35050 AV71313	BS 241 AV71324	BS 450 AV71323	BS 210 AV71302	BS 362 AV71031
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Dark Earth (BS 450): Color upper surface at the beginning of the conflict and "Tropical Land Scheme", "Desert Scheme", combined with Dark Green, Middle Stone or Light Earth. From 1940 until end of war. **Dark Green (BS 241):** Color upper surface at the beginning of the conflict and scheme "Tropical Land Scheme", combined with Dark Earth, Middle Stone or Light Earth. From June 1940 to end of 1941. **Sky Blue (FS 35550):** Color of lower surface at the beginning of the conflict June/July 1940 until the end of 1941, combined with Dark Earth and Middle Stone. **Middle Stone (BS 362):** Color for upper surface of "Tropical Land Scheme" and "Desert Scheme", replacing Dark Green. From the beginning of 1941 until the end of the war. **Sky Type S (BS 210):** Color lower surface at the beginning of the conflict (June/July 1940) until the

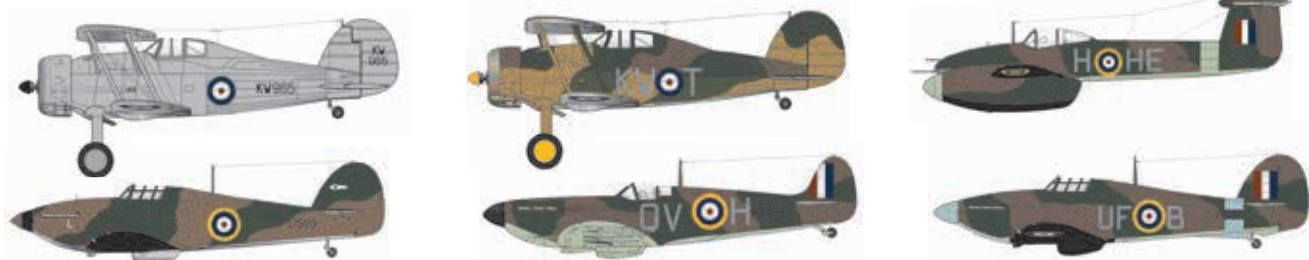
end of that year, as well as for special patterns for aircraft based on Malta. **Dark Mediterranean Blue (FS 35050):** Color for upper surface of scheme "Special Coastal" combined with Light Mediterranean Blue. For aircraft based on Malta for all kinds of special maritime operations. **Light Mediterranean Blue (FS 35117):** Color for upper surface of scheme "Special Coastal" combined with Dark Mediterranean Blue. For aircraft based on Malta for all kinds of special maritime operations. Also alternative lower section color Azure Blue. **Azure Blue (FS 35231):** Lower surface color of most aircraft of all types for North African and Mediterranean Theater of Operations starting at the end of 1940/beginning 1941 until the end of the war.

Art. 71149

RAF Day Fighters Pre-War to 1941

This set has been developed for painting the RAF fighter camouflage scheme "Temperate Land" in its different color combinations from the years before WWII (starting in 1937) and the beginning of the conflict in 1939, with the first battles in Norway, Netherlands, France and England, until August 1941. The set also includes the colors for the "Shadow Compensation" color scheme used in biplanes of all models and deployment.

Este estuche ha sido desarrollado para pintar el esquema de camuflaje "Temperate Land" de los cazas de la RAF y sus distintas combinaciones de colores, desde los años previos a la II GM (a partir de 1.937), el estallido del conflicto en 1939 con las batallas iniciales en Noruega, Países Bajos, Francia e Inglaterra, hasta Agosto de 1941. También incluye los tonos para el esquema "Shadow Compensation" utilizado en biplanos de todo tipo y rol.



BS 450 AV71323	BS 241 AV71324	FS 30257 AV71291	Light Green AV71403	BS 210 AV71302	FS 37875 AV71279	BS 642 AV71057	FS 37178 AV71062
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Dark Earth (BS 450): Combined with Dark Green and other colors for camouflage of the upper surface, used from 1937 and during the entire war on all kinds of aircraft and fronts. **Dark Green (BS 241):** Combined with Dark Earth and other colors, for camouflage of the upper surface, used from 1937 and during the entire war on all kinds of aircraft and fronts. **Light Earth (FS 30257):** Combined with Light Green, camouflage for the lower surface (fuselage and wings) biplanes "Shadow" color scheme. First tropical and desert camouflage schemes, combined with other colors. **Light Green (FS 34102):** Combined with Light Earth, camouflage for the lower surface (fuselage and wings) biplanes "Shadow" color scheme. First tropical and desert camouflage schemes combined with other colors. **Sky Type S (BS 210):** Lower color introduced

in June 1940 for all types of aircraft and daytime deployment (RAF & FAA). Also for tactical markings, numbers and identification. **White (FS 37875):** Color for lower surface of aircraft daytime deployment, combined with Night Black and/or Aluminium, from 1937 until June 1940. **Night Black (BS 642):** Color for lower surface of aircraft in daytime deployment, combined with White and/or Aluminium or Sky Type S, from 1937 until April 1941. Also for all lower surfaces of aircraft nocturnal deployment, during the entire war. **Aluminium (FS 37178):** General color for all surfaces before 1937 and from then on only for the lower surface of fighters, combined with White and Night Black.



Metal Color

Metal Color is a new range of water-based metallic colors, especially designed for airbrushing.

Metal Color es una gama de colores metálicos a base de agua, especialmente diseñados para aerografía.

EN Metal Color is a new range of water-based metallic colors, especially designed for airbrushing. In the development of these new and innovative metallic colors, the latest generation of aluminum pigments has been used in a specifically designed formula which results in a series of colors of exceptional resistance and adherence to plastics and metal.

Metal Color can be applied directly on models without the need for the use of a primer, although in the case of fuselages and components for airplane models it is recommended to first apply a glossy Black Primer to bring forth the unique and special quality of the aluminum finish.

Packaging:

The range of Metal Color consists of 19 references, available in 32 ml. bottles with a flip top/eyedropper closure.

Gloss Black Primer available in 60 and 200 ml bottles with a flip top/eyedropper closure.

Gloss Metal Varnish available in 60 ml bottles with a flip top/eyedropper closure.



ES Metal Color es una gama de colores metálicos a base de agua, especialmente diseñados para aerografía. En la elaboración de esta innovadora gama se emplean pigmentos de aluminio de última generación en una formulación específica que confiere a los colores una excepcional resistencia y adherencia sobre plástico y metal.

Metal Color se puede aplicar directamente sobre la maqueta sin necesidad de una imprimación previa aunque es aconsejable, en el caso de fuselajes y componentes de modelos de avión, aplicar una Imprimación Negro Brillante para realzar las características especiales de los tonos de aluminio.

Presentación:

La gama de Metal Color está compuesta por 19 referencias, disponibles en frascos de 32 ml. con tapón bisagra y cuentagotas.

Imprimación Negro Brillante disponible en botellas de 60 y 200 ml. con tapón bisagra y cuentagotas.

Barniz Metal Brillante disponible en botellas de 60 ml. con tapón bisagra y cuentagotas.

Metal Color



77.701
Aluminio / Aluminium

Estructuras Internas / Recubrimiento Exterior / Motores y Componentes Mecánicos / Laca Exterior o "Dope"

Interior Structures / Exterior Coatings / Engines & Mechanical Parts / Exterior Varnish or "Dope"



77.702
Duraluminio / Duraluminium

Estructuras Internas / Recubrimiento Exterior / Componentes Mecánicos / Motores

Interior Structures / Exterior Coatings / Mechanical Parts / Engines



77.703
Aluminio Oscuro / Dark Aluminium

Estructuras Internas / Recubrimiento Exterior / Componentes Mecánicos / Motores

Interior Structures / Exterior Coatings / Mechanical Parts / Engines



77.704
Metal Quemado / Pale Burnt Metal

Recubrimiento Exterior / Paneles Zona Tensión Térmica (Motor/Toberas) / Componentes Mecánicos / Motores

Exterior Coatings / Panels near high-heat (Engines, Jet Exhausts) / Mechanical Parts / Engines



77.706
Aluminio Blanco / White Aluminium

Estructuras Internas / Recubrimiento Exterior / Laca Exterior o "Dope" / Desgaste debido a Factores Climatológicos

Interior Structures / Exterior Coatings / Exterior Varnish or "Dope" / Wear due to Climatic Factors



77.707
Cromo / Chrome

Recubrimiento Exterior / Martinetes Hidráulicos / Motores y Componentes Mecánicos / Carenado Motor Radial

Exterior Coatings / Hydraulic Hammers / Engines & Mechanical parts / Radial Engine Cowling



77.710
Cobre / Copper

Anillo Colector Escape (Motores Radiales) / Componentes Mecánicos / Instrumentación Vuelo y Equipos Precisión / Vainas Munición

Exhaust Collector Ring (Radial Engines) / Mechanical Components / Flight Instruments & Precision Equipment / Ammunition Pods



77.711
Magnesio / Magnesium

Paneles Zona Tensión Térmica (Motor/Toberas) / Componentes Mecánicos / Armamento / Motores

Panels Areas high-heat(Engines,Jet Exhausts) / Mechanical Components / Armour / Engines



77.712
Acero / Steel

Estructuras Internas / Recubrimiento Exterior / Motores y Componentes Mecánicos / Armamento

Internal Structures / Exterior Coatings / Engines & Mechanical Components / Armour



77.713
Tobera Reactor / Jet Exhaust

Tobera Jet / Paneles Zona Tensión Térmica (Motor/Toberas) / Componentes Mecánicos

Jet Exhaust / Panels Areas high-heat (Engines/ Jet Exhausts) / Mechanical Components



77.716
Aluminio Satinado / Semi Matte Aluminium

Superficies Control Directional / Estructuras Internas y Recubrimiento Exterior / Componentes Mecánicos / Laca Exterior o "Dope"

Flight Control Surfaces / Internal Structures & External Coatings / Mechanical Components / Exterior Varnish or "Dope"



77.717
Aluminio Mate / Dull Aluminium

Estructuras Internas / Laca Exterior o "Dope" / Desgaste debido a Factores Climatológicos / Superficies Control Directional

Internal Structures / Exterior Varnish or "Dope" / Wear due to Climatic Factors / Flight-Control Surfaces



77.720
Gris Metalizado / Gunmetal Grey

Armamento / Paneles Zona Tensión Térmica (Motor/Toberas) / Componentes Mecánicos / Motores

Armour / Panels Areas high-heat (Engines/Jet Exhausts) / Mechanical Components / Engines



77.721
Hierro Quemado / Burnt Iron

Paneles Zona Tensión Térmica (Motor/Toberas) / Componentes Mecánicos / Zonas dañadas por Fuego y Altas / Temperaturas

Panels in high-heat Areas (Engines/ Jet Exhausts) / Mechanical Components / Areas damaged by Heat & Fire



77.723
Colector escape / Exhaust Manifold

Colector Escape Motores Explosión (Radial/Lineal) / Paneles / Zona Tensión Térmica (Motor/Toberas)

Jet Engine Exhaust (Radial/Lineal) / Panels in high-heat Areas (Engines/Jet Exhausts)



77.724
Plata / Silver

Recubrimiento Exterior / Componentes Mecánicos / Motores / Piezas y Estructuras Aeronáuticas de todo tipo

Exterior Coating / Mechanical Components / Engines / Parts & Aeronautical Structures of all kinds



77.725
Oro / Gold

Aleación Paneles Exteriores / Motores y componentes Mecánicos / Instrumentación Vuelo y Equipos Precisión / Vainas Munición

Exterior Panels / Engines & Mechanical Components / Flight Instruments & Precision Equipment / Ammunition Pods



77.657
Barniz Metal Brillante / Gloss Metal Varnish

Barniz protector para pigmentos metalizados, protege la pintura de procesos de desgastes (lavados, etc.)

Protective varnish for metallic pigment. Protects colors against wear & aging processes (washes, etc.)



77.660
Imprimación Negro Brillo / Gloss Black Primer

Imprimación Base, mejora el agarre Metal Color y aplicado diluido aumenta la intensidad tonal del color.

Black Base Primer, improves adherence of Metal Color, applied diluted increases the intensity of the color.



Panzer Aces

A color system designed for reproducing the colors of the uniforms of tank-crews and vehicles in WWII.

Sistema de colores para pintar los uniformes de los carristas y vehículos de las fuerzas armadas en WWII.



EN In order to simplify the method of painting the military vehicles and the uniforms of the crew in the Second World War, the specialists on the staff of Panzer Aces Magazine have created a series of colors which coincide with the standard shades used. All uniforms consist of a base and a lighter color for highlighting and grading.

Three colors have been selected for the fleshtones, as well as a series of colors to reproduce the design of Splinter Camouflage, printed on many of the garments and canvas equipment of the German Army. The Panzer Aces series is presented in a series of sets, each dedicated to a particular selection of colors, such as those used for the wear and tear of tanks, tires and canvas; lights, belts and periscopes, and for the uniforms of the tank-crews of various nations, skintones and camouflage patterns. The colors are also available individually in a table top display.

Packaging:

Bottles of 17 ml. bottle with eyedropper. This packaging prevents the paint from evaporating and drying in the container.

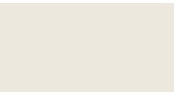
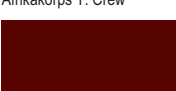
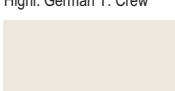
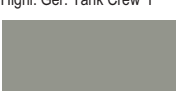
ES Con el fin de simplificar el método de pintura de los vehículos militares y uniformes de los tripulantes en la Segunda Guerra Mundial, los especialistas de la Revista Panzer Aces han creado una serie de colores que coinciden con los tonos utilizados. Todos los uniformes constan de un color base y otro más claro con el que aplicar las luces y las gradaciones. Asimismo, se han creado tres tonos para trabajar las carnes, así como distintos colores con los que se pueden reproducir los esquemas de camuflaje Splinter que se estamparon en muchas de las prendas y lonas que utilizó el Ejército alemán.

La Serie de Panzer Aces se presenta en una serie de estuches, cada uno dedicado a una selección de colores especiales, como los utilizados para el desgaste de los tanques, ruedas, lonas, luces, cintas y periscopios y para los uniformes de los carristas de varias naciones, tonos de piel y camuflaje. Los colores también se pueden obtener individualmente en un expositor de sobremesa.

Presentación:

Frasco de 17 ml. con cuentagotas. Esta presentación evita la evaporación de la pintura y el secado dentro del frasco.

Panzer Aces colors

Panzer Aces Colors

Sets N°1 (Art. 70.122) and N° 2 (Art. 70.123) contain the colors employed for this tank: the tracks, wooden parts, periscopes, signs, headlamps, pilot lights, highlights and shadows.

Los sets N° 1 (Art. 70.122) y N° 2 (Art. 70.123) contienen los colores empleados para pintar este tanque: sus cadenas, madera, periscopio, señales, lámparas, sombras y luces.



Panzer Aces sets (8 colors)

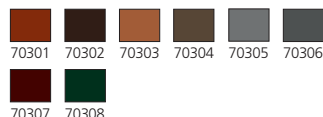


Each set contains a selection of special colors, used for the weathering of tanks, tires, tarps, lights, ribbons, periscopes, and uniforms for the crew, skin tones and camouflage.

Cada estuche esta dedicado a una selección de colores especiales utilizados para el desgaste de los tanques, ruedas, lonas, luces, etc... y para los uniformes de los carristas, tonos de piel y camuflaje.

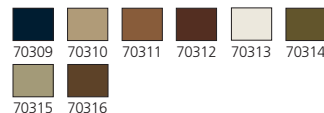
Art. 70122

Rust, Tracks, Rubber...
Óxido, Orugas, Caucho...



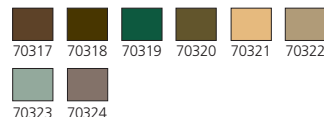
Art. 70123

Wood, Leather, Stencil...
Madera, Cuero,...



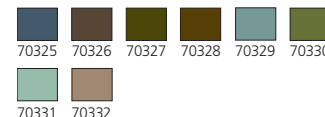
Art. 70126

Alied Crew Uniforms
Uniformes Tripulantes



Art. 70127

Crew Uniforms
Uniformes Tripulantes



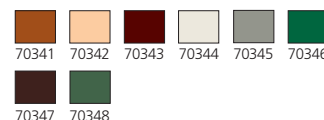
Art. 70128

German Crew Uniforms
Uniformes Tripulantes



Art. 70129

Skintones, Camouflage...
Piel, Camuflaje...

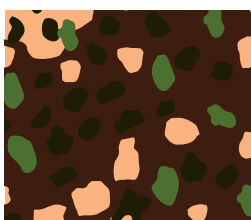


Panzer Aces set (16 colors)

Panzer Aces Camouflage Set

Set with 16 Model Color which complement the series of Panzer Aces Series with a color selection for Dot Pea Pattern, Italian Pattern, Plane Tree Pattern y Oak Leaf Pattern. Includes one brush.

Estuche de 16 colores de Model Color que complementa la serie de Panzer Aces con una selección de colores para realizar los camuflajes Dot Pea Pattern, Italian Pattern, Plane Tree Pattern y Oak Leaf Pattern. Incluye un pincel.



Dot Pea



Oak Leaf (Spring)



Plane Tree

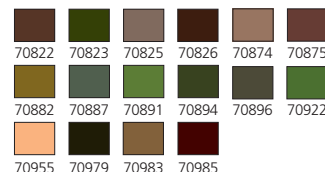


Italian



Art. 70179

Camouflage Set



Special Panzer Aces Case

Art. 70174

72 Panzer Aces Colors

Plastic case with 72 Panzer Aces colors, 3 Toray Brushes, color chart and issue of Panzer Aces Magazine. See colors on www.acrylicosvallejo.com

Malefín de plástico con 72 Colores Panzer Aces, 3 Pinceles de Toray, carta de colores y una edición de la Revista Panzer Aces. Véase colores en www.acrylicosvallejo.com.





Game Color

Acrylic colors especially formulated for miniature figures in fantasy and wargames.

Colores acrílicos formulados especialmente para miniaturas de juegos de fantasía o wargames.

EN This compact range has been especially developed to contain all the frequently used colors in fantasy figures, in a formula particularly designed for adherence on plastics and metals, using a new resin of unequalled durability and resistance to scrapes and abrasion. Colors brush on easily and smoothly, and dry to an opaque, matte finish. Their finely ground texture makes them perfect for the most miniature details as well as for large surfaces. They are highly pigmented, light fast and waterproof once dry. Errors can be corrected immediately with water or a small amount of alcohol.

Extra Opaques

16 highly pigmented acrylic colors formulated to provide an especially mat and opaque coating which covers all primers and base colors in one application.

Washes & Inks

The Washes and Inks, developed with a new resin, are used for shadows and for the application of colors in layers. When applied over a basecoat, they enter into the folds and grooves of the figure, instantly bring forth the features and add shade to recessed areas. They can also be used for weathering. Inks and Washes can be mixed with the colors and mediums.

Packaging:

Bottles of 17 ml. bottle with eyedropper. This packaging prevents the paint from evaporating and drying in the container.



ES Gama diseñada especialmente para contener todos los colores utilizados frecuentemente en figuras de fantasía, con una fórmula desarrollada particularmente para su adherencia sobre plásticos y metales, utilizando una resina nueva de una durabilidad y resistencia extraordinaria contra rasguños y roces. Los colores se aplican fácilmente y secan lisos y mates. El molido extra fino de los pigmentos resulta en colores que son igualmente perfectos para los detalles más pequeños como para superficies grandes. Los colores tienen un alto contenido de pigmento y son resistentes a la luz y completamente impermeables una vez secos. Los errores se pueden corregir inmediatamente con agua o una pequeña cantidad de alcohol.

Extra Opacos

16 colores acrílicos de muy alta pigmentación formulado para conseguir una capa especialmente opaca y mate que cubre todas las imprimaciones y bases en una aplicación.

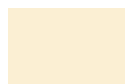
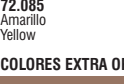
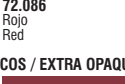
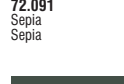
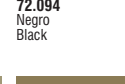
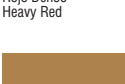
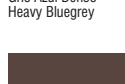
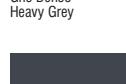
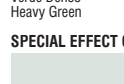
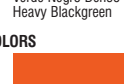
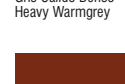
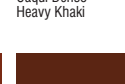
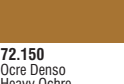
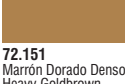
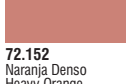
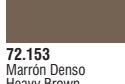
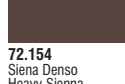
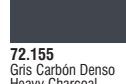
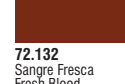
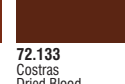
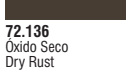
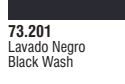
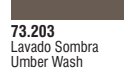
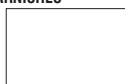
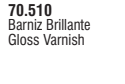
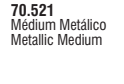
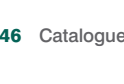
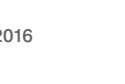
Lavados y tintas

Los lavados y tintas han sido formulados con una resina nueva. Se utilizan para sombras y para la aplicación de colores en capa. Aplicándolas sobre una imprimación, entran en los pliegues y surcos de la figura, resaltando instantáneamente su aspecto. También se pueden utilizar para técnicas de envejecido de las figuras. Se pueden mezclar con los colores Game Color y con los Mediums.

Presentación:

Frasco de 17 ml. con cuentagotas. Esta presentación evita la evaporación de la pintura y el secado dentro del frasco.

Game Color

									
									
									
									
									
									
									
									
TINTAS GAME COLOR / GAME COLOR INKS									
									
									
COLORES EXTRA OPACOS / EXTRA OPAQUE COLORS									
									
									
SPECIAL EFFECT COLORS									
									
									
LAVADOS / WASHES									
									
									
MEDIUMS Y BARNICES / MEDIUMS AND VARNISHES									
									
									

Game Color

Dipping Formula (quick shadow) Fórmula Inmersión (sombra rápida)

Black and Sepia in 200 ml. pots with a wide mouth so that small figures can be quickly dipped and shaded.

Negro y Sepia en tarros de 200 ml. con boca ancha para una rápida inmersión y sombreado de figuras pequeñas.

Packaging:
Presentación:

 Sepia/Sepia 73300
 Negro/Black 73301



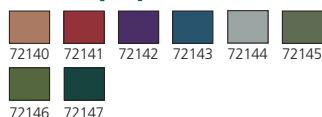
Game Color sets (8 colors)

Selection of sets with 8 Game Colors for painting models and miniatures. Each one of these sets has a specific range of colors for painting figures, etc. Contains 8 bottles in 17 ml. and color chart.

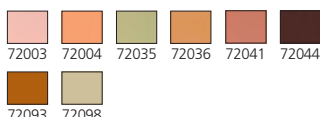
Una serie de estuches de 8 colores Game Color para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores específicos para figuras. Contienen 8 botellas de 17 ml. y una carta de colores.



Art. 72294 Extra Opaque Colors



Art. 72295 Skintones/Tonos Piel



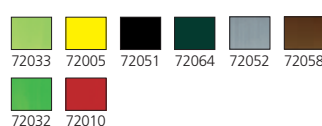
Art. 72296 Game Inks/Tintas



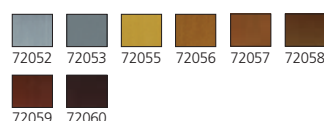
Art. 72300 Elves / Elfos



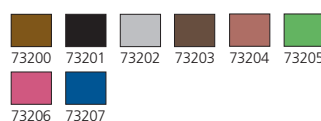
Art. 72301 Orcs and Goblins



Art. 72303 Metallic Colors



Art. 73998 Washes/Lavados



Game Color sets (16 colors)

Collection of sets with 16 colors of Game Color for painting models and miniatures. Each one of these sets has a specific selection of colors for painting figures, etc. Contains 16 bottles in 17 ml. and color chart.

Colección de estuches de 16 colores Game Color para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores específicos para figuras. Contienen 16 botellas de 17 ml. y una carta de colores.



Art. 72299 Introduction Introducción



Art. 72298 Advanced Avanzado



Art. 72297 Specialist Especialista



Art. 72291 Leather & Metal Cuero y Metal



Art. 72290 Extra Opaque Colors



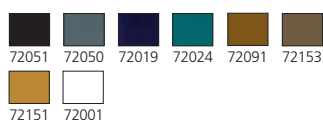
Special Game Color sets

Art. 72212

Non Metallic Metal (NMM)

8 Game Color in 17 ml. with photographs and painting guide by Angel Giraldez for achieving the look of metal (gold & silver) without using metallic colors.

Estuche de 8 colores acrílicos Game Color de 17 ml. y paso paso con fotografías de Angel Giraldez que guiará al modelista en la recreación de efectos de metal (oro y plata) sin utilizar colores metálicos.

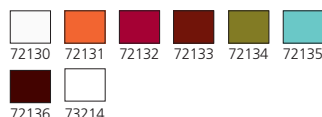


Art. 72213

Special Effects

8 Game Color in 17 ml. with photographs and painting guide by Angel Giraldez for achieving the look of blood, scabs, vomit, rust and verdigris.

Estuche de 8 colores acrílicos Game Color de 17 ml. y paso paso de Angel Giraldez que guiará al modelista en la recreación de efectos de sangre, costras, vómitos, óxidos y verdín.

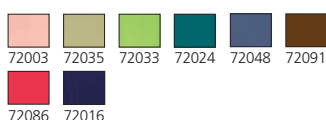


Art. 72302

Non Death Chaos

New presentation of our set Non Death Chaos, now including detailed step by step painting instructions with photographs by Angel Giraldez. The set contains 8 Game Colors in 17 ml., for painting the miniature figures of the ghosts, zombies, monsters, vampires, demons and other malignant creatures of the night.

Nueva presentación de nuestro estuche Non Death Chaos, ahora con instrucciones detalladas realizado por Angel Giraldez. El estuche contiene 8 colores Game Color de 17 ml. para pintar vampiros, fantasmas, zombies, monstruos, demonios y criaturas malignas.

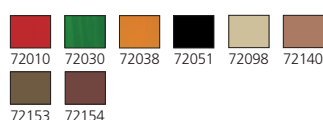


Art. 72211

Ironfist Dwarf Berserker

8 Game Color in 17 ml., with exclusive metal figure sculptured by Félix Paniagua of Avatar Miniatures, including a Toray brush, plastic palette and painting guide by Angel Giraldez for painting Ironfist Dwarf Berserker.

Estuche de 8 colores acrílicos Game Color de 17 ml., con una figura exclusiva de metal esculpida por Félix Paniagua de Avatar Miniaturas, incluye un pincel de Toray, paleta para mezclas y paso paso de Angel Giraldez para pintar Ironfist Dwarf Berserker.



Special Game Color sets

Art. 72208

Intro 8 Game Color

8 Game Color in 17 ml., 2 Toray Brushes, palette, plastic figure & color chart.

Estuche de 8 colores acrílicos Game Color de 17 ml., 2 Pinceles de Toray, paleta, figura de plástico y carta de colores.



Art. 72172

72 Game Color Case

Plastic case with 72 Game Color in 17 ml. Includes 2 Mediums, 3 Toray brushes and color chart. See colors on www.acrylicosvallejo.com

Maletín de plástico para el transporte de pinturas. Incluye 72 colores Game Color. Incluye 3 pinceles de Toray y carta de colores. Véase colores en www.acrylicosvallejo.com



Fantasy Pro Nocturna Sets

Fantasy color sets containing 8 acrylic colors "Fantasy-Pro" formulated in collaboration with Nocturna Models and especially designed to paint all kinds of fantasy, wargame figures and "pin ups".

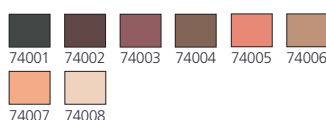
Estuches de 8 colores acrílicos Fantasy-Pro realizados en colaboración con Nocturna Models, especialmente diseñados para pintar todo tipo de figuras de fantasía, wargames y "pin ups".

Art. 74101

Fairy Flesh Set

A set for skintones with intense colors for small scale fantasy figures, or low saturation natural skin colors of historical figures or figures in war scenarios. The set includes detailed step by step instructions by Nocturna Models.

Estuche para pintar tonos de piel con colores intensos para escalas pequeñas o bien "desaturados" y naturales para figuras históricas o de temática bélica. Incluye un detallado paso a paso realizado por Nocturna Models.

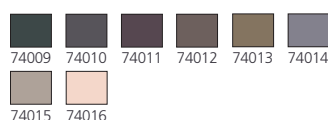


Art. 74102

Malefic Flesh Set

A set of colors for painting skin tones which require a greenish, bluish or violet tone, in order to obtain an artistic illustration effect. The set includes detailed step by step instructions by Nocturna Models.

Estuche para pintar tonos de piel que requieren entonaciones verdosas, azuladas y violáceas, para lograr una pintura más ambiental, tipo ilustración. Incluye un detallado paso a paso realizado por Nocturna Models.



Game Air

Acrylic colors for miniature figures in fantasy and wargames, developed especially for airbrush techniques.

Colores acrílicos para miniaturas de juegos de fantasía o wargames, desarrollados especialmente para el aerógrafo.

EN Game Air is a range of water-based, matte acrylic colors, developed especially for airbrushing. In the formulation of this range various new resins have been selected for qualities which up till now had not been achieved in water-based colors. The strength, resistance and covering power of Game Air is superior to any acrylic airbrush color currently available and also allows for application by brush to highlight the smallest details of the miniature. The pigments have been selected according to their degree of light-fastness and optimum micronization. The effects of washes and transparencies can be obtained by diluting the colors; all colors and varnishes can be mixed together and diluted with Airbrush Thinner.

The colors in the range have been selected in collaboration with modelers specialized in fantasy figures and dioramas, and the existing colors in the Game Color range have been taken into particular consideration. The names and shades of the most popular colors of Game Color have been maintained in Game Air, using the formulation and resins employed for Model Air. In the color chart we include a diagram of the most frequent color combinations: base color, light and shadow.

Surface Primers:

The water-based acrylic-polyurethane primers dry quickly to the touch, and confer a mat, self leveling base coat of extraordinary resistance. The painting of the model can be continued almost immediately.

Packaging:

Bottles of 17 ml. bottle with eyedropper. This packaging prevents the paint from evaporating and drying in the container.

ES Game Air es una gama de colores acrílicos mates, a base de agua, desarrollado especialmente para aerografía. En la formulación de la gama se emplean resinas de última generación, con cualidades hasta ahora no disponibles en colores a base de agua; su resistencia, dureza y poder de cubrición es superior a cualquier acrílico de aerografía. Los pigmentos han sido seleccionados en función de su grado de estabilidad a la luz, y su óptima micronización también permite la aplicación a pincel para resaltar los pequeños detalles de las miniaturas. Los efectos de lavados y transparencias se obtienen mediante aplicaciones muy diluidas de la pintura. Todos los colores y barnices se pueden mezclar entre sí y diluir con Airbrush Thinner.

Los colores de la gama han sido seleccionados en colaboración con modelistas especializados en figuras y dioramas de fantasía y se han tenido muy en cuenta los colores existentes de Game Color. De hecho, se mantienen los nombres y los colores más populares de Game Color, empleando la formulación y las resinas utilizados para Model Air. En la carta de colores se muestra un cuadro de combinaciones de color para facilitar la obtención de sombras y luces partiendo del color base.

Imprimaciones:

Las imprimaciones de acrílico-poliuretano a base de agua, secan al tacto muy rápidamente, con un acabado mate y auto-nivelante y forman una película de extraordinaria dureza, que permite proseguir con el proceso de pintura de inmediato.

Presentación:

Frasco de 17 ml. con cuentagotas. Esta presentación evita la evaporación de la pintura y el secado dentro del frasco.



Game Air colors

IMPRIMACIONES / SURFACE PRIMER

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PRODUCTOS AUXILIARES / AUXILIARY PRODUCTS

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Art. 72865

Game Air Face Painting

Contains 8 Game Air airbrush-ready colors, 4 of which have been developed especially for this set. Includes detailed step by step painting instructions by Angel Giraldez showing the process of painting male and female faces.

Contiene 8 colores para aerografía, 4 son nuevos colores desarrollados especialmente para este set. Incluye instrucciones detalladas realizadas por Angel Giraldez que muestran el proceso de pintar caras masculinas y femeninas.





Art. 72872

Game Air Case

Plastic case with 51 colors, 8 Surface Primers and 5 auxiliary products. This set includes Airbrush Cleaner in 85 ml. See colors on www.acrylicosvallejo.com

Maletín de plástico para el transporte de pinturas. Incluye 51 colores, 8 imprimaciones y 5 productos auxiliares. Además este set incluye limpiador de aerógrafo de 85 ml. Véase colores en www.acrylicosvallejo.com



Weathering Effects

EN The various products of the Weathering Effects range, all of them formulated with permanent pigments and waterbased acrylic resins, have been developed to represent the effects of time and weather on models and dioramas, so that they will look as once their originals in the field. This range of effects includes the spilled fuel runnels, the splashed mud, the lichen and moss on wood, the crushed grass stuck to the metal links of the chains of a tank, all the traces of wear and destruction on vehicles in harsh and hostile climate. By placing a vehicle in a realistic setting, at rest for a brief moment, we can tell a complete story about its history of past battles in foreign zones of war.

Packaging:

The range is available in 40 ml. bottles.

EN Gama especialmente diseñada para aportar realismo a vehículos y dioramas, formuladas con pigmentos permanentes y resinas acrílicas a base de agua para ofrecer al modelista una nueva interpretación de los procesos de pintura o envejecimiento, pensando en la naturaleza y su entorno, los efectos atmosféricos y la suciedad que puedan afectar a vehículos y elementos. Con esta serie de productos se pueden representar los vertidos y manchas de combustible, salpicaduras de barro, el líquen que cubre una roca o la humedad y verdín que recubren la madera, el petróleo que mancha unos bidones y la hierba aplastada por las cadenas del carro todavía adherida a los eslabones. Según nuestra elección, podremos ambientar con realismo un vehículo, integrarlo en el entorno y contar toda una historia sobre su vida operativa.

Presentación:

La gama está disponible en frascos de 40 ml.



Splash Mud / Salpicaduras de barro

When a vehicle drives through muddy terrain, mud splashes are inevitable. The range of Splash Mud has been formulated so that by simply blowing air through the airbrush over a brush loaded with mud, from a short distance from the model and on the specific area, realistic splash effects will be spattered all over the model. Splash Mud can also be applied using a stiff brush or stick. The range includes six different kinds of mud, manufactured with natural pigments and waterbased acrylic resins, which dries to a slightly glossy finish which suggest the humid nature of the products.

Cuando un vehículo se desplaza sobre terrenos encharcados o con lodo, las salpicaduras son inevitables. La formulación de la serie Splash Mud ofrece al modelista una consistencia perfecta para reproducir estos efectos, aportando detalles de realismo a las maquetas y dioramas. La gama consta de seis referencias que reproducen tonos de barro con un ligero matiz brillante siendo su uso tan simple como proyectar aire con nuestro aerógrafo sobre un pincel cargado con la mezcla, a corta distancia del modelo y sobre la zona que queremos trabajar, lo cual generará interesantes efectos de salpicaduras sobre la maqueta de gran realismo. Puede usarse también proyectándolo con la ayuda de un pincel de fibras duras y la ayuda de un palillo



Art. 73801

European Splash Mud Salpicaduras Barro Europeo

A dark brown color most commonly observed in central European terrain and humid areas of the Mediterranean countries. Most of the non alkaline grounds present this color.

Tono marrón oscuro, con el matiz más común observado en terrenos de Europa central y zonas mediterráneas húmedas. La mayoría de terrenos no alcalinos presentan este aspecto.



Art. 73802

Russian Splash Mud Salpicaduras Barro Ruso

A familiar shade known as Black Earth, very fertile soil, especially dark and dense, found in Eastern Europe, the Ukraine and southern Russia.

Un matiz bien conocido, especialmente oscuro observado en terrenos fértiles y llamado "Tierra Negra" en los países del este de Europa, Ucrania y sur de Rusia.



Art. 73803

Industrial Splash Mud Salpicaduras Barro Industrial

The color of grayish mud, native to urban environment where the presence of human activity, industrial construction and decay, has caused this particular shade of sludge.

Tono de barro grisáceo, propio de entornos urbanos, donde la actividad humana y sus construcciones, las ruinas o zonas destruidas generan ese matiz que sugiere presencia humana, suciedad y actividad industrial.



Art. 73804

Light Brown Splash Mud Salpicaduras Barro Marrón Claro

The color of mud on alkaline lands, found in dry climates of desert and Mediterranean areas which, due to their sandy nature, easily absorb the humidity.

Tono de lodo generado sobre terrenos alcalinos, de matices arenosos y que absorben la humedad con facilidad, propio de entornos secos, desérticos o mediterráneos.



Splash Mud / Salpicaduras de barro

Art. 73805

Brown Splash Mud Salpicaduras Barro Marrón

Dark colored mud, typical of fertile clay terrain where humidity is retained during long seasonal periods, found mostly in Mediterranean lands and the west of Europe.

Tono oscuro, propio de zonas arcillosas y fértiles que retienen la humedad durante mucho tiempo en largos periodos estacionales, en zonas Mediterráneas y del oeste de Europa.

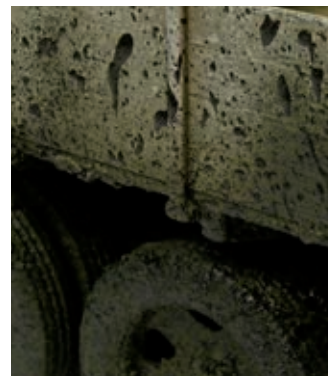


Art. 73806

Black Splash Mud Salpicaduras Barro Negro

Very dark color, found in earth which is very rich in vegetal substratum, similar to peat, as in wooded and humid areas and in the north of Europe.

Tono muy oscuro propio de terrenos muy ricos en sustrato vegetal, similar a la turba, como es habitual en zonas boscosas, húmedas y del norte de Europa.



Thick Mud / Barro Denso

The range consists of 6 products with a heavy and thick consistency and a slightly glossy finish, ideal for reproducing terrain on vignettes or dioramas, as well as for texture on wheels and the lower part of vehicles, the chains of armored cars and accumulations of mud on the tracks. The remains of vegetation included in some of the references provide an especially realistic texture to the final aspect of the model.

* Thick Mud products are available in 40 ml and 200ml.

La gama consta de 6 referencias de consistencia espesa y densa, con un ligero matiz brillante ideal para reproducir terrenos sobre viñetas o dioramas así como para texturizar los bajos de un vehículo y sus ruedas, o bien las cadenas de un blindado y las acumulaciones de barro sobre el tren de rodaje. Los restos de vegetación incluidos en alguna referencia aportan un especial realismo a la textura del mismo y a su aspecto final.

* Thick Mud está disponible en formato de 40 ml. y 200 ml.



Art. 73807/26807 (200ml)

European Mud* Barro Europeo*

A dark brown color with traces of vegetation, most commonly observed in central European terrain and humid areas of the Mediterranean countries. Most of the non alkaline grounds present this aspect.

Tono marrón oscuro que incluye trazas de vegetación con el matiz más común de los terrenos de Europa central y zonas mediterráneas húmedas. La mayoría de terrenos no alcalinos presentan este aspecto.



Art. 73808/26808 (200ml)

Russian Mud* / Barro Ruso*

A familiar shade known as Black Earth, especially dark and dense, found in the very fertile soil of Eastern Europe, the Ukraine and southern Russia. Russian Mud contains traces of vegetation which ad a special density and realistic texture.

Un matiz bien conocido, observado en terrenos especialmente fértiles y llamado "Tierra Negra" en los países del este de Europa. Es especialmente oscuro y denso y contiene trazas de vegetación.



Art. 73809/26809 (200ml)

Industrial Mud* Barro Industrial*

The color of grayish mud, native to urban environment, where the presence of human activity, industrial construction, ruins and decay, have caused this particular shade of sludge.

Tono de barro grisáceo, propio de entornos urbanos, donde la actividad humana y sus construcciones, las ruinas o zonas destruidas generan este matiz que sugiere presencia humana, suciedad y actividad industrial.



Art. 73810/26810 (200ml)

Light Brown Mud* Barro Marrón Claro*

The color of mud occurring on alkaline lands, in dry climates of desert and Mediterranean areas, which due to their sandy nature easily absorb humidity.

Tono de lodo generado sobre terrenos alcalinos, de matices arenosos que absorben la humedad con facilidad, propio de entornos secos, desérticos o mediterráneos.



Art. 73811/26811 (200ml)

Brown Mud* Barro Marrón*

Dark colored mud, typical of fertile clay lands where humidity is retained during long seasonal periods, found mostly in Mediterranean areas and the west of Europe.

Tono oscuro, propio de tierras arcillosas y fértiles que retienen la humedad durante mucho tiempo y largos periodos estacionales, en zonas del Mediterráneo y del oeste de Europa.



Art. 73812/26812 (200ml)

Black Mud* Barro Negro*

Very dark color, seen in earth similar to peat, which is very rich in vegetal substratum, such as found in wooded and humid areas in the north of Europe.

Tono muy oscuro propio de terrenos muy ricos en sustrato vegetal, similar a la turba, como es habitual observar en zonas boscosas y húmedas del norte de Europa.



Environment Effects

Efectos de la Naturaleza

A series of references formulated to recreate the effects of the elements on vehicles, armor, constructions and terrain. The Environment Effects include grass crushed under the wheels or chains of a tank, the remains of dirt streaking the windows of a vehicle, the humidity, the appearance of moss and lichen on stones, rust and snow, and vegetation crushed and mixed in mud on the roads of the front. The elements of nature and the effects of weather are recreated in this range to provide the modeler with the environmental setting in a quick, easy and realistic way.

Una serie de referencias diseñadas para recrear los efectos de los elementos sobre vehículos, armamento, construcciones y terrenos. Environment Effects incluye la hierba aplastada por unas ruedas o las cadenas de un carro de combate, las señales de suciedad arrastrada por la lluvia sobre los cristales de un vehículo, la humedad, el verdín y los líquenes que la piedra o la madera muestran en su superficie, hasta nieve, óxido o vegetación mezclada con el barro de un camino al frente. La naturaleza, sus elementos, las consecuencias de la intemperie, queda recreada con esta gama para facilitar al modelista el ambientar de forma sencilla, fácil y realista.



Art. 73819

Rain Marks

Marcas de Lluvia

Rain carries dust and dirt over surfaces, leaving streaks on vehicles and objects, while the dust, displaced by humidity, accumulates in the joints and chinks of the model.

La lluvia arrastra el polvo y la suciedad de forma que ésta deja rastros sobre las superficies de vehículos y objetos, en forma de depósitos en hendiduras o relieves.



Art. 73820/26820 (200ml)

Snow* / Nieve*

Snow is an ideal texture, coating surfaces evenly or in heaped mounds, with scale and proportion suitable for all scenarios, accumulated on vehicle chains, on a cart, or on the sides of the road or the roof of a cottage.

* Available in 40 ml. & 200 ml. sizes.

Nieve es una textura ideal, tiene un efecto de escala y matices adecuada a cualquier viñeta, acumulada sobre las cadenas de un carro, en los márgenes de un camino o cubriendo el techo de un cobertizo o barracón

* Disponible en de 40 ml. y 200 ml.



Art. 73821

Rust Texture

Texturas de Óxido

Rust Texture reproduces a rough orange coating, the dry, flaked aspect of rusted military vehicles, burned out cars, all oxidized metal surface in vignettes or dioramas. Apply by brush and airbrush, with needle size 0.4 and high pressure.

Óxido oscuro que reproduce los tonos anaranjados y el aspecto áspero de un vehículo quemado y abandonado, un techo metálico o un coche en un desguace. Se aplica a pincel o aerógrafo con aguja de 0.4 y presión alta.



Art. 73822

Slimy Grime Dark

Suciedad Húmeda Oscura

Humidity generates slime and verdigris on wood, tree trunks, rocks and stone walls, moorings and pilings, in different colors, depending on the humidity. Slimy Grime Dark recreates the darkest shade, a black green.

La humedad genera moho y verdín sobre madera, cortezas de árboles, rocas y muros, embarcaderos y postes sumergidos, con variaciones de tono. Slimy Grime Dark recrea el tono más oscuro, un matiz verde negro.



Art. 73823

Slimy Grime Light

Suciedad Húmeda Clara

The effects of humidity create textures of greenish mould and slime even on areas exposed to the sun. The lighter shade of Grime is perfect combined with Slimy Grime Dark to recreate streaking from light to dark

Los efectos de humedad crean texturas de limo y moho incluso en zonas expuestas al sol. El matiz más claro de Grime es ideal combinado con Slimy Grime Dark para reproducir una progresión de tonos de claro a oscuro.



Art. 73824

Streaking Grime

Rastros de Suciedad

Streaking Grime achieves the effect of light dust suspended in the air or blown by the wind to accumulate into the ridges of vertical surfaces on vehicles and buildings.

Con Streaking Grime se consigue el efecto de polvo en suspensión o desplazado por el viento, depositado como una pátina de tono neutro, acumulado alrededor de hendiduras en superficies verticales, en vehículos o construcciones.



Art. 73825

Crushed Grass

Hierba Aplastada

Crushed Grass contains traces of vegetation and reproduces the grass sticking to the wheels and tracks of vehicles, and in dioramas, crushed and flattened by the passage of heavy armor.

Hierba Aplastada contiene trazas de vegetación y reproduce el efecto de la hierba aplastada por el paso de los vehículos, en las cadenas de un tanque, o el terreno de dioramas.



Art. 73826

Mud and Grass Effects

Efectos de Barro y Hierba

Mud and Grass Effect contains crushed vegetation and reproduces the texture of grass and mud on dioramas, as well as compacted on the tracks of tanks and the wheels of armored vehicles.

Mud and Grass Effect reproduce la textura que resulta del tránsito de los vehículos sobre hierba y barro. Contiene trazas de vegetación aplastada. Se aplica sobre ruedas o cadenas de los vehículos de combate y sobre dioramas.



Environment Effects / Efectos de la Naturaleza

Art. 73827

Moss and Lichen Effects Efectos de Musgo y Líquen

Reproduces the weathered effect, the grey green colors and textures of lichen on stones and walls, caused by the elements. Apply with a brush, or dabbed on with a sponge to reproduce the mottled aspect of the fungus.

Los líquenes y el moho son efectos de la intemperie. Este producto reproduce el color y la textura moteado de líquen generado sobre piedras y muros. Se aplica con un pincel fino, o bien usando una pieza de esponja para reproducir el moteado.



Art. 73828

Wet Effects Efectos de Humedad

Wet Effects is an all purpose weathering product, formulated to reproduce the humid aspect on models and dioramas. Can be combined with other weathering effects to increase the impression of humidity and wet weather.

Wet Effects reproduce el aspecto de humedad sobre maquetas y dioramas. Se puede combinar con otros efectos de la gama para incrementar la sensación de humedad.



Engine Effects / Efectos de Motor

A vehicle with an engine has many moving parts -the transmission, wheels and axis, tracks, hinges and chains- all of them mechanisms subject to traction and movement which have to be lubricated to function correctly. In addition, the internal combustion engine needs fuel, and dust accumulates, while dirt forms a part of this mechanical and dynamic context. The range of Engine Effects offers the modeler a series of references to reproduce the fuel stains, the spilled oil (leaving a trail of drops on the vehicle panels and in the dust of the road), the marks left by the oil drums on the floor of the truck, the dirt accumulated in the engine compartment, all these to enhance the realistic aspect of the model.

Los motores tienen muchas partes móviles (ruedas, ejes, trenes de rodaje y bisagras) sometidas a tracción y desplazamientos que deben ser lubricados para su correcto uso y funcionamiento. Además un motor a combustión interna precisa de carburante y el polvo y la suciedad se acumulan sobre el mismo formando parte de ese contexto mecánico y dinámico. La gama Engine Effects ofrece al modelista una serie de referencias para reproducir las manchas de combustible, el aceite derramado (dejando un rastro de gotas sobre las planchas del carro o en el polvo del camino), las marcas en la caja del camión de los bidones cargados de petróleo, y la suciedad acumulada en el compartimento motor, para aportar el toque de realismo adecuado al modelo.



Art. 73813

Oil Stains / Manchas de Aceite

Oil stains are common around engines, hinges and all the moving parts of vehicles. The color and the shiny look of the stains give the model a realistic aspect. Oil Stains can be applied in the shape of spatters, drips or traces in specific areas

Las manchas de lubricantes se encuentran en los motores y alrededor de los elementos móviles de los vehículos. Su tono y su acabado brillante procuran un acabado realista al modelo. Se aplica en forma de salpicaduras, goterones o trazas en zonas determinadas



Art. 73814

Fuel Stains Manchas de Combustible

In combat, the refueling of tanks and trucks took place in the field, and the crews used pails, makeshift funnels, sections of hose, etc. for the job; the fuel was spilled all over, leaving characteristic traces on the vehicles.

En combate, las reposiciones de combustible se efectuaron en el campo de batalla utilizando cubos, embudos improvisados y secciones de manguera. El combustible se derramaba sin remedio dejando rastros de manchas.



Art. 73815

Engine Grime Suciedad de Motor

On the surfaces of the engine block, inside the engine compartments and even in areas where rests of fuel and oil accumulated, dust and dirt created a grayish layer of dust on the vehicle surface.

Sobre las superficies de un bloque motor, en su compartimento o incluso en zonas donde se había acumulado restos de carburante o aceite se acumula una suciedad mezcla del polvo de un matiz grisáceo.



Art. 73816

Diesel Stains Manchas de Diesel

The stains of gasoline and diesel oil do not have the same color: Diesel Stains reproduces the exact orange shade of this fuel, the streaks, traces and splashes caused by refueling with diesel in the field are perfectly reproduced.

Las manchas de carburante tipo gasolina no tienen el mismo matiz que los de gasoil. Con Diesel Stains se reproduce el tono anaranjado y transparente del gasoil representando los rastros y trazas en los vehículos.



Art. 73817

Petrol Spills Salpicaduras de Petróleo

Reproduces the blue-black shade of great intensity observed in heavy oils and lubricants, on barrels in a truck bed and the round marks left by barrels on the ground, and left by the flame throwers and combat vehicles.

Reproduce el matiz negro azulado que podemos observar en lubricantes y aceites pesados sobre bidones en la caja de carga de un camión, los rastros circulares en el suelo, las manchas grasientas en el expulsor de los lanzallamas, tanto de infantería como en los carros de combate.



Art. 73818

Brown Engine Soot Hollín de Motor

Brown Soot accumulates on engine bulkheads, on compartment walls, on the wheel housings of trains and underneath the carter and crankshafts - a combination of dirt, rests of engine oils and dust.

Una matiz marrón, resultado de suciedad acumulada, restos de lubricante y polvo, observado sobre las mamparas de motor, las paredes de sus compartimentos y los bajos de los camiones y vagones de tren.





Pigments

Pigments are used for weathering and ageing the finish of vehicles, armour, fortifications and structures.

Los pigmentos se utilizan para envejecer y simular desgastes en los vehículos, blindajes, defensas y estructuras de las maquetas.

EN The pigments chosen for this range are all earth and iron oxides, especially suitable for all the different climatic and geographical conditions of the terrain of a diorama.

To adhere the pigment to the surface of the model Matte Medium is used (70.540), or Pigment Binder (26.233) which dries more slowly and allows more time to simulate water and snow run-offs and to move the pigment into and around the details of the model.

Many other special effects can be obtained by mixing pigments with the products in our Water & Stone range such as Transparent Water (26.201) to achieve effects of oil and grease stains, or Sandy Paste (26.215) to create a rough, coarse surface for heavy dried mud or flaking deep rust. Earth and Iron Oxide pigments are not toxic, but to avoid accidental spillage they are packaged with a childproof top.

Packaging:

Pots of 30 ml. (weight from 17-39 grams, according to pigment) with a childproof top.



ES Los pigmentos de esta gama son óxidos de hierro y tierras naturales, especialmente aptos para las diferentes condiciones climáticas y geográficas en los terrenos de un diorama.

Para fijar los pigmentos a la superficie se emplea una resina acrílica de acabado mate, como nuestro Medium Mate (70.540) o Pigment Binder (26.233) que tiene un secado más lento, facilita simular aguadas de lluvia y nieve, y proporciona más tiempo para manipular el pigmento dentro y alrededor de los detalles de la maqueta.

También se pueden realizar efectos especiales mezclando los pigmentos con los productos Water & Stone, como por ejemplo Agua Transparente (26.201) para efectos de grasa, aceite y barro húmedo, o Pasta Arenisca (26.215) para crear una superficie áspera y gruesa de barro seco o metal profundamente oxidado y desconchado. Los pigmentos de Tierra y Óxido de Hierro no son tóxicos, pero para evitar derrames accidentales se presentan con tapón de seguridad.

Presentación:

Tarros de 30 ml. (aprox.17-39 gramos según pigmento) con un cierre de seguridad.

Pigment colors



Pigment Binder Fijador Pigmentos

Waterbased acrylic binder for pigments. Dries slowly, allows more time to manipulate pigment. Matte finish.

Fijador acrílico para pigmentos a base de agua. De secado lento y acabado mate. Proporciona más tiempo para manipular el pigmento.

Presentación/Packaging:
30 ml. - 26.233



Texture Set Estuche Texturas

Selection of 4 Water & Stone products presented in plastic pots of 30 ml.

Selección de 4 productos Water & Stone. en frascos de 30 ml.

Ref. 73195



Pigment sets (4 colors)

Collection of 4 Pigment sets for painting models and miniatures. Each one of these sets has a selection of 4 colors to create special effects on figures, models and dioramas. The set contains 4 bottles of 30 ml.

Colección de estuches de 4 pigmentos para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de pigmentos para la creación de efectos especiales en figuras, maquetas y dioramas. Los estuches contienen 4 botellas de 30 ml.



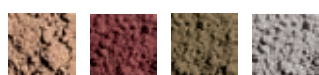
Art. 73196
Rust and Oil
Oxidación y Aceite



73103 73106 73107 73110



Art. 73197
Mud and Sand
Barro y Arena



73102 73108 73109 73113



Art. 73198
Stone, Cement, City
Piedra, Cemento, Ciudad



73104 73105 73114 73116



Art. 73199
Snow, Soot, Ashes
Nieve, Hollín, Cenizas



73101 73111 73113 73115



Model Wash

Reproducing the weathering of surfaces exposed to harsh climatic conditions is difficult to achieve and the washes offer the perfect solution.

Reproducir los desgastes de las superficies expuestas a las condiciones climáticas son difíciles de lograr y, por ello, los Lavados o Filtros son la solución perfecta.

EN For armor, vehicles, planes, ships, figures and war game figures. All surfaces exposed to sun, wind and dust, rain and snow, experience a change in color, a loss of intensity, a dulling and general fading which however is not even or overall. For the model painter, these changes in color are very difficult to reproduce, and to achieve these effects on a model, washes or filters are the perfect solution.

The washes are always needed to blend the edges of the colors on a model painted in various camouflage shades. The colors can also be mixed together to achieve further variations of shade and can be used with airbrush or brush, according to the model and the effect desired.

Model Wash can be mixed with pigments to achieve a wide range of effects such as oil and flaked rust, mud, earth, dust, moss, etc. and when mixed with acrylic colors, they further help achieve the impact of heavy wear and weathering.

The washes have been formulated with a modified acrylic resin so that the superficial tension is similar to that of the traditional solvent-based washes and filters, but with the advantage of working with a water-based medium. Average drying time is around 20 minutes. If several layers of wash are to be applied, it is best to wait around 40 minutes between applications. Painting tools are cleaned with water.

Packaging:

Bottles of 35 ml. with flip top. In boxes of 6 units.



ES El acabado perfecto para vehículos, aviones, barcos, figuras y maquetas de fantasía. Todas las superficies expuestas al sol, viento, polvo, lluvia y nieve sufren un cambio en color, una pérdida de intensidad, un desgaste que no es uniforme en toda la superficie. Para el modelista, estos cambios sutiles en el color son difíciles de reproducir y para lograr estos efectos en el modelo, los lavados o filtros son la solución perfecta.

Cuando pintamos un modelo con varios tonos de camuflaje, necesitamos un lavado de color para difuminar los colores. Los tonos se pueden mezclar entre sí para obtener múltiples variaciones de color y se pueden emplear a pincel o aerógrafo en función de la maqueta y efecto deseado.

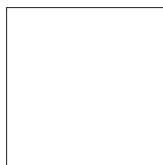
Model Wash también se puede mezclar con pigmentos para conseguir múltiples efectos: aceite, óxido, barro, tierra, polvo, musgo, etc. Mezclando los lavados con nuestros colores acrílicos, se obtienen efectos de envejecimiento y desgaste extremo.

Los lavados han sido formulados con resina acrílica modificada para que su tensión superficial sea semejante a los tradicionales lavados y filtros al disolvente pero con las ventajas de trabajar con colores a base de agua. Su tiempo promedio de secado ronda los 20 minutos. Si se desean emplear varias capas es conveniente esperar unos 40 minutos antes de la próxima aplicación. Los utensilios se limpian con agua.

Presentación:

Botellas de 35 ml. con tapón bisagra. En cajas de 6 unidades.

Model Wash colors



76.501 Blanco / White

Recomendado para invierno/escenarios fríos y vehículos pintados en blanco.
Recommended for winter / cold scenarios or models painted in white.



76.517 Gris Oscuro / Dark Grey

Para modelos pintados en gris y colores oscuros, perfectos para marcas de lluvia y para pequeños detalles ("pin wash").
For models painted in grey and dark colors; they are also perfect for rain marks and pin washes.



76.503 Amarillo Oscuro / Dark Yellow

Para maquetas pintadas en amarillo y colores claros. También es apto para camuflajes y escenarios naturales.
For yellow models and light colors. Also very suitable for all camouflages and natural scenarios with vegetation, rivers and lakes.



76.518 Negro / Black

Para colores muy oscuros y pequeños detalles en las juntas y remaches de la maqueta.
For ultra dark washes and pin washes in the most recessed areas or parts.



76.505 Óxido Claro / Light Rust

Para efectos de oxidación y para escenarios de invierno, deterioro en vehículos y todo tipo de partes metálicas.
For rust effects and winter scenarios, cold scenarios and decay of abandoned vehicles, metallic structures or all kind of metallic parts.



76.519 Verde Oliva / Olive Green

Para añadir sombras alrededor de remaches o detalles hendidos sobre vehículos pintados en verde oliva o verde claro desgastado.
Recommended for adding shadows around rivets or recessed details on vehicles painted in olive green or faded pale green.



76.506 Óxido / Rust

Para efectos de oxidación y para escenarios de invierno, deterioro en vehículos y todo tipo de partes metálicas.
For rust effects and winter scenarios, cold scenarios and decay of abandoned vehicles, metallic structures and all kind of metallic parts.



76.520 Verde Caqui Osc. / Dark Khaki Green

Para reproducir efectos de profundidad y sombreado natural sobre vehículos con base caqui o camuflajes de tonos claros.
This wash is used to produce depth effects and natural shadows on vehicles painted with a khaki base color or light camouflage tones.



76.507 Óxido Oscuro / Dark Rust

Para efectos de oxidación y para escenarios de invierno, deterioro en vehículos y todo tipo de partes metálicas.
For rust effects and winter scenarios, cold scenarios and decay of abandoned vehicles, metallic structures and all kind of metallic parts.



76.521 Tierra Engrasada / Oiled Earth

Para efectos de suciedad acumulada sobre los vehículos al mezclarse aceite, grasa o carburante con el polvo seco, tanto sobre ruedas como partes móviles.
This wash reproduces the effects of accumulated dirt when oil, grease and fuel combine with caked dust on vehicles, wheels and other moving parts.



76.512 Verde Oscuro / Dark Green

Para maquetas pintadas en verde. También es apto para camuflajes y escenarios naturales con vegetación, ríos y lagos.
For all models painted in green; also perfect for camouflage colors and natural scenarios with vegetation, rivers and lakes.



76.522 Tierra Desierto / Desert Dust

Para vehículos localizados en ambientes secos y desérticos, tanto de tonos claros como oscuros en su pintura de base, representando su acumulación natural.
This wash represents the natural accumulation of dust on vehicles painted with light or dark colors, especially in dry and desert climates.



76.513 Marrón / Brown

Para modelos pintados en colores claros y tonos arena. Idóneo para orugas de tanques y para pequeños detalles ("pin wash").
For models painted in light or sand colors, and ideal for application on tank tracks and pin washes.



76.523 Tierra Europea / European Dust

Recomendado para todo tipo de vehículos ubicados en el teatro europeo de operaciones, representando el tono más común de centro y oeste de Europa.
Recommended for all types of vehicles; the wash represents the most common tones of dust in central and eastern Europe.



76.514 Marrón Oscuro / Dark Brown

Para modelos pintados en colores claros y tonos arena. Idóneo para orugas de tanques y para pequeños detalles ("pin wash").
For models painted in light or sand colors, and ideal for application on tank tracks and pin washes.



76.524 Gris Azulado / Blue Grey

Recomendado para vehículos de base panzer grey así como todo tipo de vehículos de base similar.
Wash indicated for vehicles with a panzer grey base color, as well as all vehicles with a similar grey base.



76.515 Gris Claro / Light Grey

Para modelos pintados en gris y colores oscuros, perfectos para marcas de lluvia y para pequeños detalles ("pin wash").
For models painted in grey and dark colors; they are also perfect for rain marks and pin washes.



76.516 Gris / Grey

Para modelos pintados en gris y colores oscuros, perfectos para marcas de lluvia y para pequeños detalles ("pin wash").
For models painted in grey and dark colors; also perfect for rain marks and pin washes.

Chipping Medium Medium de Desgaste

Waterbased Medium to create flaked paint, scratches, and rust chips. Can be applied with airbrush or brush to create chipping effects with waterbased acrylic colors.

Medium acrílico para la creación de roces, desgastes y desconchados. Se aplica con aerógrafo o pincel para crear efectos de desconchados con colores acrílicos.

Packaging: 17 ml. - 73.214 35 ml. - 76.550





Premium RC Color

Acrylic airbrush colors. Non toxic. Suitable for all surfaces, especially for metals, fibreglass, polyethylene, clear Lexan[®] polycarbonate, slot car and RC bodies.

Pintura acrílica para aerógrafo, no tóxica. Para todas superficies, especialmente para metales, fibra de vidrio, polietileno, policarbonato Lexan, Slot y carrocerías RC.

EN PREMIUM COLOR is a safe water-based, non toxic, highly versatile airbrush ready paint, suitable for all surfaces, but especially formulated for superior adhesion to metals, fibreglass, polyethylene, clear Lexan[®] polycarbonate, slot car and RC bodies; and all tuning and automotive applications.

Premium colors have been formulated with micronized, permanent pigments and an extremely resistant, exterior grade hybrid resin-polyurethane base, which withstands impacts, resists chipping and cracking, direct exposure to heat and outdoor elements, and is fuel residue proof up to a least 35% Nitro.

The range consists of 20 bright opaque colors, 23 dazzling Metallics & Fluorescents, and 9 transparent Candy Colors, all suitable for details and large surfaces and can be applied by brush as well as airbrush. The range is complete with 8 auxiliary products. For extra protective final coating, we recommend a catalyzed urethane clear varnish (spray can or airbrush).

Packaging:

In bottles of 60 and 200 ml. (with flip top).

ES Los colores PREMIUM han sido formulados empleando pigmentos micronizados y permanentes y una nueva resina híbrida de acrílica-poliuretano, con una gran resistencia a impactos y al agrietamiento, así como a la exposición directa al calor. Los colores PREMIUM permanecen inalterables a algunas mezclas de combustible empleadas en R/C (hasta el 35% nitro).

Premium Color es idóneo para pintar cascos, depósitos, automóviles (tuning) etc. Para obtener mejores resultados en algunas superficies recomendamos una base de Imprimación de Poliuretano (62.601).

La gama es de 20 Colores Opacos, 23 Metalizados y Fluorescentes y 9 transparentes "Candy". Los colores son excelentes tanto para detalles como para cubrir grandes superficies y pueden ser aplicados con pincel o aerógrafo. La gama se complementa con 8 Auxiliares. Para una protección especial muy resistente recomendamos barniz uretánico (aerosol o aerógrafo).

Presentación:

En frascos de 60 y 200 ml. (con tapón bisagra).



Premium RC colors

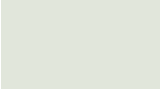
Colores Opacos / Opaque Colors

							
62.001 Blanco White	62.002 Carne Fleshstone	62.003 Amarillo Básico Basic Yellow	62.004 Naranja Orange	62.005 Rojo Vivo Bright Red	62.006 Carmin Carmine	62.007 Magenta Magenta	62.008 Violeta Violet
							
62.009 Azul Cobalto Cobalt Blue	62.010 Azul Básico Basic Blue	62.011 Azul Oscuro Dark Blue	62.012 Verde Azul Blue Green	62.013 Verde Básico Basic Green	62.014 Verde Oscuro Dark Green	62.015 Ocre Amarillo Yellow Ochre	62.016 Ocre Oscuro Dark Ochre
							
62.017 Sienna Natural Raw Sienna	62.018 Sepia Sepia	62.019 Gris Grey	62.020 Negro Dark	62.031 Amarillo Fluo Yellow Fluo	62.032 Amarillo Dorado Fluo Gondel Yellow Fluo	62.033 Naranja Fluo Orange Fluo	62.034 Escarlata Fluo Scarlet Fluo

Colores Fluorescentes / Fluorescent Colors

							
62.031 Amarillo Fluo Yellow Fluo	62.032 Amarillo Dorado Fluo Gondel Yellow Fluo	62.033 Naranja Fluo Orange Fluo	62.034 Escarlata Fluo Scarlet Fluo				

Nacarados y Metalizados / Pearl & Metallic

							
62.035 Rosa Fluo Rose Fluo	62.036 Magenta Fluo Magenta Fluo	62.037 Violeta Fluo Violet Fluo	62.038 Azul Fluo Blue Fluo	62.039 Verde Fluo Green Fluo	62.040 Fosforescente Phosphorescent	62.041 Medium Metálico Metallic Medium	62.042 Amarillo Metálico Metallic Yellow
							
62.043 Naranja Metálico Metallic Orange	62.044 Rojo Metálico Metallic Red	62.045 Violeta Metálico Metallic Violet	62.046 Azul Metálico Metallic Blue	62.047 Verde Metálico Metallic Green	62.048 Plata Silver	62.049 Oro Gold	62.050 Cobre Copper

Colores Transparents / Candy Colors

							
62.051 Acero Steel	62.052 Gris Metálico Gunmetal	62.053 Negro Metálico Metallic Black	62.071 Amarillo Transparente Candy Yellow	62.072 Amarillo Osc. Transparente Candy Dark Yellow	62.073 Naranja Transparente Candy Orange	62.074 Rojo Transparente Candy Red	62.075 Magenta Transparente Candy Magenta

Productos Auxiliares / Auxiliary Products

							
62.076 Azul Racing Transparente Candy Racing Blue	62.077 Verde Racing Transparente Candy Racing Green	62.078 Marrón Transparente Candy Brown	62.079 Negro Transparente Candy Black	62.061 Blanco Imprimación White Primer	62.062 Barniz Mate Matt Varnish	62.063 Barniz Satinado Satin Varnish	62.064 Barniz Brillante Gloss Varnish
							
62.065 Retardante Retarder	62.066 Diluyente Reducer	62.067 Limpiador Cleaner	62.068 Transparente Clear Base				

Premium RC color sets



Collection of 5 Premium Color sets. Each one of these sets has a selection of primary colors. The sets contain 5 bottles of 60 ml. (with flip top).

Colección de estuches de 5 colores Premium. Cada uno de los estuches tiene una selección de colores primarios y contiene 5 botellas de 60 ml. (con tapón bisagra).

Art. 62101 Opaque Basics Básicos Opacos



62001 62003 62005 62010 62020

Art. 62102 Fluo Colors Colores Fluo



62031 62036 62037 62038 62039

Art. 62103 Metallics Metalizados



62042 62044 62046 62048 62053

Art. 62104 Candy Colors Colores Transparents



62071 62074 62075 62076 62079

COLORS FOR MODELS & MINIATURES





Surface Primer

Primers in a waterbased formula with polyurethane resin for a tough and very resistant finish.

Imprimación a base de agua y resina de poliuretano de gran resistencia y dureza.

EN This range of primers consists of a series of neutral colors, black, grey and white, and includes the RAL and Federal Standard colors used most frequently on vehicles, aircraft, ships and figures. The primers have been developed first of all to be used as base coat and primer at once, while at the same time their chemical composition has been designed to bring forth the most minute details of the model, so that the work of painting, blending, filtering and applying a wash, in short, all detailing effects, are easier to accomplish. Product can be used directly or diluted with AV Thinner Ref. 161 or AV Flow Improver Ref. 562.

The primer dries to a mat, self-levelling finish - drying time of this primer is very quick and a resistant coating is obtained 24 hours after the application. All colors show great resistance to handling, and are ideal for priming surfaces such as resin, plastic, brass or white metal. Airbrushes are cleaned easily with water; if a more thorough cleaning is indicated, we recommend our Airbrush Cleaner AV 71.099.

Packaging:

The range of primers is available in 17 ml. bottles (with eyedropper) and 60 and 200 ml. containers (with flip top and eyedropper).

ES La gama de Imprimaciones está compuesta por una serie de colores neutros, el negro, gris y blanco e incluye los tonos RAL y Federal Standard más utilizados sobre vehículos, aviones, barcos y figuras. Los Primers han sido formulados principalmente para su empleo como imprimación y color base al mismo tiempo: su formulación respeta todos los detalles que presenta la maqueta, facilitando los posteriores trabajos de pintura, fundidos, filtros, lavados, aguadas u otros efectos. Las imprimaciones se pueden usar directamente o diluir con Thinner ref. 161 o Flow Improver ref. 562.

El secado de la imprimación es muy rápido y se obtiene la mayor resistencia transcurridas 24 horas tras su aplicación, siendo su acabado mate y autonivelante. Todos los tonos muestran gran resistencia al manipulado y son idóneos para imprimir superficies como resina, plástico, latón o metal blanco. El aerógrafo se limpia fácilmente con agua y, si se desea una limpieza más eficaz, recomendamos el uso de nuestro Airbrush Cleaner AV 71.099.

Presentación:

La gama está disponible en frascos de 17 ml. (con cuentagotas), y frascos de 60 y 200 ml. (con tapón bisagra y cuentagotas).



Surface Primers



600
Blanco
White



601
Gris
Grey



602
Negro
Black



603 RAL7021
Dunkelgrau RAL7021
German Panzer Grau



604 RAL7028
Dunkelgelb RAL7028
German Dark Yellow



605 RAL8012
Rot Braun RAL8012
German Red Brown



606 RAL8000
Gelb Braun RAL8000
German Green Brown



607
Verde Bronze UK
Green



608
Verde Oliva USA
USA Olive Drab



609
Verde Ruso 4BO
Russian Green 4BO



610
IJA Kare-Kusa-IRO
Parched Grass (Late)



611
IJA Tsuchi-Kusa-IRO
Earth Green (Early)



612 FS34094
Verde OTAN
NATO Green



613
Arena Desierto
Desert Tan



614
IDF Gris Arena Israeli
IDF Israeli Sand Grey (61-73)



615 FS36375
USN Gris Claro
USN Light Ghost Grey



77.660
Imprimación Negro Brillo
Gloss Black Primer

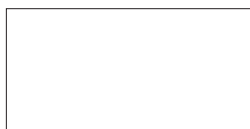


71.361
Diluyente Aerógrafo
Airbrush Thinner

Surface Primer Aerosol

Range of 3 neutral primers, black, grey and white, in aerosol of 400 ml. for base coat on plastic kits and figures. Flammable. Solventbased, does not contain CFC or toluene.

Gama de 3 imprimaciones de colores neutros, el negro, gris y blanco en aerosol de 400 ml. para la preparación de maquetas y figuras. Inflamable. A base de disolventes. No contiene CFC ni tolueno.



28.010
Imprimación Blanco
White Primer



28.011
Imprimación Gris
Grey Primer



28.012
Imprimación Negro
Black Primer



Water & Stone Textures



EN A range of acrylic, waterbased textures. They can be mixed with one another, with acrylic colors (Model Color, Game Color, Model Air and Game Air) and other diorama materials. All products are non toxic and dry to a resistant and permanent finish. Drying time depends on the thickness of the applied product and the humidity of the atmosphere, and can vary from 45 minutes to hours or even days.

ES Un selección de texturas acrílicas a base de agua. Se pueden mezclar entre si, con colores acrílicos (Model Color, Game Color, Model Air y Game Air) y otros materiales de dioramas. Todos los productos son no tóxicos, y secan para formar una superficie resistente y permanente. Se aplican con pincel, espátula, esponja o cualquier otro utensilio; su tiempo de secado depende al espesor de la capa del producto y la humedad del ambiente, y puede variar de 45 minutos a horas o incluso días.

Water textures / Efectos de agua



Art. 26230
Still Water
Aguas Tranquilas

A glass clear liquid which levels itself and dries to a transparent film. It can be poured directly from the bottle, and will settle in the prepared space of the diorama. Apply in several layers, allowing first layer to dry before applying the next. The product is perfect for creating ponds and lakes, canals, bays and lagoons.

This product is a water-based polyurethane dispersion. When applied on a non porous surface, like glass or clear polyesters and plastics, the dried film can be peeled off and cut into the desired form.

Packaging: In 200 ml. bottles with applicator tip. (6,75 fl.oz.) and bottles of 35 ml. (1,8 fl.oz.).*

*Líquido cristalino que se extiende y se autonivela, formando una película transparente y dura. Se vierte directamente del frasco en el espacio preparado del diorama. Se aplica en varias capas, dejando secar la primera antes de aplicar la siguiente. Perfecto para crear charcos, estanques, canales y lagos. Este producto es una dispersión de poliuretano a base de agua. Aplicado sobre una superficie no porosa como vidrio o poliéster transparente, se puede levantar una vez seco y cortar en la forma deseada. Presentación: En frascos de 200 ml. con aplicador y en frascos de 35 ml.**

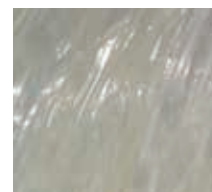


Art. 26231
Foam and Snow*
*Espuma y Nieve**

A high density white paste which dries quickly to a hard, opaque finish. It is used to simulate foam on waves and whitecaps and is excellent for achieving White Water effects. The product can be applied straight from the bottle for simulating snow on trees and houses. For large extensions of snow it is best to use a brush or painting knife. Foam applied with a dry brush on the ripples and peaks of the tinted gels creates the most lifelike tracing of the froth and spume.

Packaging: In 32 ml. bottles with an applicator tip (1,08 fl.oz.).

Pasta blanca, densa y opaca. Se puede aplicar directamente del frasco para crear crestas de olas, y efectos de nieve acumulada sobre techos y árboles. Para extensiones nevadas se utiliza espátula o pincel, y para remolinos y estelas de espuma se recomienda la técnica del pincel seco. Excelente para efectos de "Aguas Blancas". Presentación: En frascos de 32 ml. con aplicador.



Art. 26201
Transparent Water
Agua Transparente

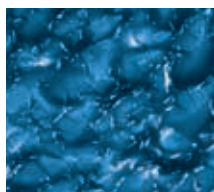
Transparent dense gel, perfect for shallow water on colored grounds, especially apt for rivulets and white water. Further variations in tonality can be achieved by blending the products with low viscosity colors like Model Air or with the Game Color Inks. The final effect also depends on the color of the ground.

Packaging: In 200 ml. pots (6,75 fl.oz.).

Gel denso transparente para crear aguas poco profundas sobre fondos de color y especialmente indicado para arroyos y aguas turbulentas. Se pueden conseguir más variaciones de tonalidad mezclándolos entre sí o con otros colores de baja viscosidad como Model Air o las Tintas de Game Color. El color final depende del color del fondo. Presentación: En tarros de 200 ml.



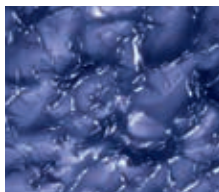
Water textures / Efectos de agua



Art. 26202
Mediterranean Blue
Azul Mediterráneo

Bright blue gel for Mediterranean dioramas, rivers and lakes. Further color variations can be achieved by toning the color with low viscosity paints like Model Air.
Packaging: In 200 ml. pots (6,75 fl.oz.).

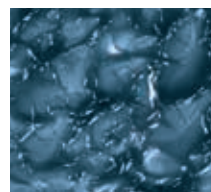
Gel denso azul claro para dioramas del Mediterráneo, y para ríos y lagos. Se pueden conseguir más variaciones de tonalidad mezclando el gel con otras pinturas de baja viscosidad como Model Air. Presentación: En tarros de 200 ml.



Art. 26203
Pacific Blue
Azul Pacífico

Dark blue gel for Pacific Ocean dioramas, and for rivers and lakes. Further color variations can be achieved by toning the color with low viscosity paints like Model Air.
Packaging: In 200 ml. pots (6,75 fl.oz.).

Gel denso de color azul oscuro para dioramas del Pacífico, ríos y lagos. Se pueden conseguir más variaciones de tonalidad mezclando el gel con otras pinturas de baja viscosidad como Model Air. Presentación: En tarros de 200 ml.



Art. 26204
Atlantic Blue
Azul Atlántico

Dark bluegrey gel for Atlantic Ocean dioramas, and for rivers and lakes. Further color variations can be achieved by toning the color with low viscosity paints like Model Air. The final effect also depends on the color of the ground.
Packaging: In 200 ml. pots (6,75 fl.oz.).

Gel denso azul gris para dioramas del Atlántico, y para ríos y lagos. Se pueden conseguir más variaciones de tonalidad mezclando el gel con otras pinturas de baja viscosidad como Model Air. El color final también depende al color del fondo. Presentación: En tarros de 200 ml.

Stone textures / Efectos de piedra



Art. 26185
Light Diorama Paste
Pasta Diorama Ligera

Formulated with acrylic polymer, micro spheres and titanium white to produce a lightweight but high viscosity, matt and opaque product for the creation of volumes and structures in dioramas. Water resistant when dry.
Packaging: In 200 ml. pots (6,75 fl.oz.).

Formulado con un polímero acrílico, microesferas y blanco de titanio. Un producto mate y opaco, de peso ligero pero de alta viscosidad, perfecto para volumen y estructuras en dioramas. Resistente al agua una vez seco. Presentación: En tarros de 200 ml.



Art. 26211
White Stone
Pasta de Piedra Blanca

A paste of marble dust and titanium white of high density. The product dries to a thick, stone hard finish which can be carved and sanded. For surface building and extra high reliefs the paste should be applied in layers.
Packaging: In 200 ml. pots (6,75 fl.oz.).

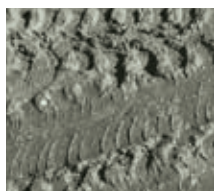
Pasta de polvo de mármol y blanco de titanio, de alta densidad. Seca formando una superficie gruesa y resistente que puede ser lijado y esculpido. Para relieves altos se aplica en capas. Presentación: En tarros de 200 ml.



Art. 26212
Fine White Pumice
Piedra Pómez Blanca

High density acrylic paste of fine natural pumice stone and titanium white. For extra high surface building apply in layers, allowing each to dry before applying the next.
Packaging: In 200 ml. pots (6,75 fl.oz.).

Pasta acrílica de muy alta viscosidad, formulada con piedra pómez natural y blanco titanio. Para relieves altos, se aplica en capas, dejando secar cada una antes de aplicar la próxima. Presentación: En tarros de 200 ml.



Art. 26215
Sandy Paste
Pasta Arenisca

A sandcolored, gritty acrylic paste of medium viscosity, easily textured. Used in dioramas for deserts and beaches, and due to its rough surface, also as a base for surface weathering in general.
Packaging: In 200 ml. pots (6,75 fl.oz.). and 35 ml. pots (1,18 fl.oz.).*

*Pasta acrílica de viscosidad media, con la textura y el color de arena. Se utiliza en dioramas para desiertos y playas; por su textura rugosa se utiliza también como base para efectos de envejecimiento de superficies lisos. Presentación: En tarros de 200 ml. y 35 ml.**



Art. 26213
Rough Grey Pumice
Piedra Pómez Gruesa

Very heavy paste of resin and natural grey pumice stone, for surface building, extra high reliefs and peaks. For more flexibility, mix with Heavy Gel (#26.535).
Packaging: In 200 ml. pots (6,75 fl.oz.).

Pasta muy espesa de resina y piedra pómez natural, formulada para la construcción de superficies, relieves y picos muy altos. Para obtener más flexibilidad, se puede mezclar con Gel Denso (#26.535). Presentación: En tarros de 200 ml.



Art. 26217
Desert Sand
Arena Desierto

A sandcolored, gritty acrylic paste of medium viscosity, easily textured. Used in dioramas for deserts and beaches, and due to its rough surface, also as a base for surface weathering in general.
Packaging: In 200 ml. pots (6,75 fl.oz.).

Pasta acrílica de viscosidad media, con la textura y el color de arena. Se utiliza en dioramas para desiertos y playas; por su textura rugosa se utiliza también como base para efectos de envejecimiento de superficies lisos. Presentación: En tarros de 200 ml.

* Please also see page 66 Ref. 73.195: small set of 4 assorted Textures. / Vea página 66 Ref. 73.195: Set de 4 Texturas surtidas en 35 ml.

Stone textures / Efectos de piedra



Art. 26535
Extra Heavy Gel
Gel Extra Denso

Transparent gel of highest viscosity which maintains its volume in high peaks and reliefs. It is used as an additive to extend other textures and increase their transparency and strength. Mixed with colors, pigments, sands and earth texture, this gel creates a strong and adherent base for dioramas.

Packaging: In 200 ml. pots (6,75 fl.oz.) and 35 ml. pots (1,18 fl.oz.)*

Gel transparente de máxima viscosidad. Mantiene el volumen en grandes relieves. Añadido a otras texturas aumenta su transparencia y dureza. Mezclado con colores, pigmentos y arenas constituye una base para dioramas.

*Presentación: En tarros de 200 ml. y 35 ml.**



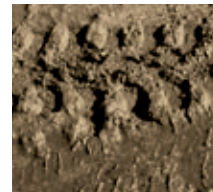
Art. 26589
Red Oxide
Óxido Rojo

Medium viscosity acrylic paste with a gritty texture, pigmented with iron oxide red. Dries to a stone hard surface with excellent retention of textures and peaks, and can be mixed with other pastes and textures for landscapes in dioramas. Also used for rust and burned metal effects on buildings and armour.

Packaging: In 200 ml. pots (6,75 fl.oz.) in 35 ml. pots (1,18 fl.oz.)*

Pasta acrílica de viscosidad media, con textura áspera y de color de óxido de hierro rojo. Secado duro con retención excelente de relieves. Se puede mezclar con colores y otras pastas para dioramas y para superficies metálicas oxidadas o quemadas.

*Presentación: En tarros de 200 ml. y 35 ml.**

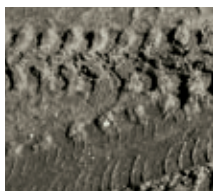


Art. 26219
Brown Earth
Tierra Marrón

A dark, acrylic paste of medium viscosity, easily textured. Used in dioramas for winter escenarios, battlegrounds, charred metal and fire damage.

Packaging: In 200 ml. pots (6,75 fl.oz.).

Pasta acrílica de viscosidad media, con color de tierra quemada, utilizado en dioramas para terrenos de invierno, campos destruidos, y metal carbonizado. Presentación: En tarros de 200 ml.



Art. 26218
Dark Earth
Tierra Oscura

A dark, acrylic paste of high viscosity, easily textured. Used in dioramas for winter escenarios, battlegrounds, charred metal and fire damage.

Packaging: In 200 ml. pots (6,75 fl.oz.).

Pasta acrílica de viscosidad alta, con color de tierra quemada, utilizado en dioramas para terrenos de invierno, campos destruidos, y metal carbonizado. Presentación: En tarros de 200 ml.



Art. 26579
Mica Flake Gel
Gel de Mica

Acrylic paste of natural mica which dries to a rough texture of grey flakes with silver highlights.

Packaging: In 200 ml. pots (6,75 fl.oz.).

Pasta acrílica espesa de mica natural, que seca a una textura de escamas gruesas de color gris con reflejos plateados.

Presentación: En tarros de 200 ml.



Art. 26210
White Stucco
Base de Estuco

Fluid White Base of fine ground pigment and acrylic resin, can be applied with brush, roller or spatula, and before drying can be textured with all sorts of utensils to give desired patterns.

Packaging: In 200 ml. pots (6,75 fl.oz.).

Una base fluida de resina acrílica y blanco de titanio de molido fino, que se puede aplicar con pincel, rodillo o espátula como base de imprimación o dando textura antes del secado para crear estucados u otros motivos. Presentación: En tarros de 200 ml.



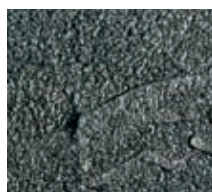
Art. 26216
Mat Gel Base
Base de Gel Mate

A heavy bodied translucent medium. Mixed with colors and mediums improves blending and extends drying time. An excellent base for collages, sand, stones, flakes and grains and any other texturing materials, and as a base for planting trees, telephone poles, and other diorama effects.

Packaging: In 200 ml. pots (6,75 fl.oz.).

Gel espeso y translúcido. Mezclado con colores y médiums mejora las mezclas y retrasa el secado. Una base excelente para collages, arena, piedras, hojas y otros materiales para texturas y para plantar árboles u otros objetos del diorama.

Presentación: En tarros de 200 ml.



Art. 26214
Black Lava (Asphalt)
Lava Negra

Gritty black paste of natural stone, resin and pigment for textures. Best applied in layers for structures of extra high surface building, allowing each layer to dry before applying the next. Used also for fire damage, charred buildings and armour.

Packaging: In 200 ml. pots (6,75 fl.oz.).

Pasta espesa, áspera, de piedra natural, resina y pigmentos. Para estructuras altas se aplica en capas, dejando secar cada una antes de aplicar la próxima. Se utiliza para dioramas, efectos de fuego, edificios y armamento quemado, etc. Se puede mezclar con colores y otras pastas para terreno de dioramas. Presentación: En tarros de 200 ml.



Art. 73195
Texture Set
Estuche Texturas

Intro selection of 4 Water & Stone products, presented in plastic pots of 30 ml. with child proof top.

Selección de 4 productos Water & Stone. Se presentan en frascos de 30 ml. con cierre de seguridad.

Contenido/Contains:

Pasta Arenisca/Sandy Paste (26.232), Aguas Tranquilas/Still Water (26.235), Pasta Óxido Rojo/Red Oxyd Paste (26.236), Gel Denso Brillante/Heavy Gel Gloss (26.591).

Auxiliary Products / Productos Auxiliares



Acrylic Varnish Barniz Acrílico

Waterbased acrylic varnishes with a new, quick drying formula, and an acrylic resin of extraordinary hardness and permanence. Protects painted models from dust and scratches, dirt and humidity.

Barnices acrílicos a base de agua, de nueva formulación de secado rápido y de una dureza y permanencia extraordinaria. Protege los modelos del polvo y del roce.

Barniz Brillante/Gloss Varnish

17 ml. - 70.510

60 ml. - 26.517

Barniz Mate/Matt Varnish

17 ml. - 70.520

60 ml. - 26.518

Barniz Satinado/Satin Varnish

17 ml. - 70.522

60 ml. - 26.519



Polyurethane Varnish Barniz Poliuretano

Hybrid varnish formulated with an acrylic-urethane dispersion; for exceptional strength and resistance to scratches. Permanent, dries rapidly. Applies easily with brush or airbrush. Product may irritate eyes and skin.

Barniz "híbrido" de acrílico y uretano. Proporciona una dureza y resistencia excepcional. Secado rápido. Permanente. Aplicar con pincel o aerógrafo. Puede irritar los ojos y la piel.

Barniz Brillante/Gloss Varnish

60 ml. - 26.650

200 ml. - 27.650

Barniz Mate/Matt Varnish

60 ml. - 26.651

200 ml. - 27.651

Barniz Satinado/Satin Varnish

60 ml. - 26.652

200 ml. - 27.652



Acrylic Aerosol Varnish Barniz acrílico en Aerosol

Quick protection for painted models. Take care not to apply until paint has dried completely. It is recommended to apply fine coats at approximately 30 minute intervals. Non toxic, does not contain CFC.

Barniz acrílico en Aerosol (a base de agua). La aplicación en "spray" con Aerosol permite muchas capas finas, resultando en una protección extraordinaria para el trabajo. No tóxico, no contiene CFC.

Presentación/Packaging:

Brillante / Gloss 400 ml. - 28.530

Mate / Matt 400 ml. - 28.531

Satinado / Satin 400 ml. - 28.532



Gloss Medium Medium Brillante

Gloss Medium extends the colors, increases their fluidity and transparency, and softens the blending of brushstrokes. It heightens the flexibility of the colors, and their adhesion to the surface. Does not yellow or change tonality of the color. Can also be used as a binder for dry pigment.

Mezclado con los colores aumenta la fluidez y transparencia, facilita difuminar las pinceladas, mejora la flexibilidad y su adhesión al soporte. No amarillea ni cambia de tonalidad. También puede ser utilizado para mezclar con pigmentos en polvo.

Presentación/Packaging:

17 ml. - 70.470

60 ml. - 73.470



Matt Medium Medium Mate

Mat Medium extends the colors, increases their fluidity and transparency, and softens the blending of brushstrokes. It heightens the flexibility of the colors, and their adhesion to the surface. Does not yellow or change tonality of the color. Can also be used as a binder for dry pigment.

Mezclado con los colores aumenta la fluidez y transparencia, facilita difuminar las pinceladas, mejora la flexibilidad y su adhesión al soporte. No amarillea ni cambia de tonalidad. También se puede utilizar para mezclar con pigmentos.

Presentación/Packaging:

17 ml. - 70.540

60 ml. - 73.540



Metallic Medium Medium Metálico

An acrylic medium formulated with mica, which can be mixed with acrylic colors to create an iridescent lustre or applied by itself for a silvery iridescent effect.

Medium acrílico con mica, que se puede mezclar con los colores para crear reflejos nacarados o utilizar sólo para conseguir efectos plateados e iridiscuentes.

Presentación/Packaging:

17 ml. - 70.521

Auxiliary Products / Productos Auxiliares



Crackle Medium Medium para craquelar

Waterbased medium, used between two coats of paint to create a weathered effect, or as a final coat to create a transparent crackle surface.

Un producto a base de agua que se emplea entre dos capas de pintura o como capa final para un craquelado transparente. Utilizado para simular superficies envejecidas.

Presentación/Packaging:
17 ml. - 70.598



Drying Retarder Medium Retardante

To delay drying time of Model Color, mix a few drops with the color, or dip brush into retarder on the palette. Colors will not change their consistency. Useful for "wet on wet" techniques and reducing skin formation on the palette.

Retrasa el tiempo de secado de Model Color y otros colores acrílicos. Se emplea Medium Retardante mezclando unas gotas con los colores. También es útil para técnicas de "mojado sobre mojado" y para reducir la formación de piel en la paleta.

Presentación/Packaging:
17 ml. - 70.597
60 ml. - 73.597



Pigment Glaze Medium Medium Veladuras

A colorless glaze, used to mix with acrylic colors; improves fluidity, increases transparency, and slows drying time. Ideal for shadows, shadings, glazes and working with pigments.

Patina incolora que se emplea para veladuras de secado lento, también se emplea en técnicas que requieren un tiempo de secado retrasado. Ideal para efectos con pigmentos.

Presentación/Packaging:
17 ml. - 70.596
60 ml. - 73.596



Pigment Binder Fijador Pigmentos

Waterbased acrylic binder for pigments. Dries slowly, allows more time to manipulate pigment. Matte finish.

Fijador acrílico para pigmentos a base de agua. De secado lento. Proporciona más tiempo para manipular el pigmento. Acabado mate.

Presentación/Packaging:
30 ml. - 26.233



Thinner Diluyente

Thinner for Model Color, Panzer Aces and Game Color. Thinner used to extend the colors, to increase fluidity and delay the drying time.

Diluyente para Model Color, Panzer Aces y Game Color. Diluye el color sin perder las cualidades de adhesión, dureza y consistencia. Aumenta la fluidez y transparencia de la pintura.

Presentación/Packaging:
17 ml. - 70.524
60 ml. - 73.524



Airbrush Flow Improver

Medium designed to improve the flow and delay the drying of paint on the needle while airbrushing. It is recommended to add 1-2 drops of Flow Improver to 10 drops of paint in the cup of the airbrush.

Médmium formulado para mejorar la fluidez de la pintura y retrasar su secado en el aerógrafo. Recomendamos añadir 1-2 gotas de Flow Improver a 10 gotas de pintura dentro de la copa del aerógrafo.

Presentación/Packaging:
17 ml. - 71.262
32 ml. - 71.362
60 ml. - 71.462
200 ml. - 71.562

Auxiliary Products / Productos Auxiliares



Decal Medium Medium para calcas

Decal Medium: Cleans & prepares the surface of model before placing Decal., improves adherence of the decal, prevents formation of air bubbles.* Apply Medium with a soft brush to model & decal, slide decal from paper to surface of model: next apply Medium over the decal & press down lightly to eliminate excess liquid & air.

* Decal Medium contains alcohol and is flammable, but not toxic or irritating.

Decal Medium limpia y prepara la superficie del modelo, ablanda la calca, mejora su adherencia y elimina la formación de burbujas de aire. Aplica el Medium al modelo y a la calca con un pincel suave, desliza la calca del papel a la superficie del modelo. Fijar la calca con otra capa de Medium, presionando ligeramente para eliminar exceso de líquido y/o aire.*

* Decal Medium contiene alcohol y es inflamable, pero no es tóxico ni irritante.

Presentación/Packaging:
17 ml. - 73.212



Plastic Putty Masilla Plástica

A modelling paste which dries to a white, totally opaque, stone hard finish. It is used principally for rebuilding or restructuring models and miniatures, for textures and high reliefs.

Se emplea principalmente en la elaboración y la reestructuración de modelos, trazado de relieves, decoración de superficies, reparación y restauración de maquetas.

Presentación/Packaging:
17 ml. - 70.400
20 ml. (tubo/tube) - 70.401



Decal Fix Fijador de calcas

Decal Fix is a mat, water-based solution which protects the decal and smoothes its edges so that they blend with the surface of the model, and a raised outline will not be visible. Apply Decal Fix with a soft brush and allow to dry. Various layers can be applied. The product contains acrylic resin and is neither flammable nor toxic. The application of a final varnish, if desired, will not disturb the decal.

Decal Fix se utiliza para proteger la calca e igualar la superficie para que no se note una diferencia de niveles. Se aplica con un pincel suave encima de la calca y se deja secar. Se pueden aplicar varias capas si se desea. La calca se adaptará perfectamente a la superficie y no se verán sus contornos. Decal Set contiene una resina acrílica, y no es inflamable, ni tóxico o nocivo.

Presentación/Packaging:
17 ml. - 73.213



Airbrush Cleaner Limpiador Aerógrafo

Airbrush Cleaner is an indispensable product for cleaning the airbrush between colors. It not only eliminates rests of the color used, but at the same time lubricates the interior of the airbrush without damaging the mechanism.

El Limpiador de Aerógrafo es imprescindible para la limpieza del aerógrafo. Elimina restos del color y lubrica los mecanismos del aerógrafo sin deteriorarlos.

Presentación/Packaging:
85 ml. - 71.099
200 ml. - 71.199



Liquid Mask Máscara Líquida

Liquid Mask is used to reserve areas which are to remain unpainted, especially in airbrush techniques, but also with watercolors and temperas. The product forms a protective film on the area which the artists does not want to paint. Once the work is dry, liquid mask is rubbed off with an eraser or piece of cloth, revealing the unpainted area.

Máscara Líquida forma una película protectora sobre la zona del trabajo que se desea reservar. Se puede sobrepintar esta zona protegida, y una vez terminado el trabajo, se retira la máscara con el dedo, con un trapo de algodón o una goma de crepé.

Presentación/Packaging:
17 ml. - 70.523
32 ml. - 28.851
85 ml. - 28.850



Airbrush Thinner Diluyente Aerógrafo

Thinner for Model Air and Liquid Acrylic. Thinner used to extend the colors, to increase fluidity and delay the drying time. We recommend the addition of a few drops of Thinner to the colors while airbrushing.

Diluyente para Model Air y Liquid Acrylic. Diluye el color sin perder las cualidades de adhesión, dureza y consistencia. Aumenta la fluidez y transparencia de la pintura. Retrasa el secado dentro del mecanismo del aerógrafo.

Presentación/Packaging:
17 ml. - 71.261
32 ml. - 71.061
60 ml. - 71.361
200 ml. - 71.161

Auxiliary Products / Productos Auxiliares



Brush Cleaner

Limpiador Pinceles al alcohol

Cleaner for brushes which have been used with alcohol based paints (Liquid Gold, Supergold) and brushes which simply need a more thorough cleaning. Will not damage even the finest Kolinsky Sable brushes.

Se emplea para limpiar pinceles que se han utilizado con pinturas a base de alcohol (Oros Líquidos) o para pinceles que necesitan una limpieza más profunda. No daña los pinceles de Marta, se puede utilizar con todo tipo de pinceles.

Presentación/Packaging:
85 ml. - 28.900



Brush Restorer

Restaurador de Pinceles

Softens and restores all fine sable brushes used for watercolors, miniatures, silk painting, etc. Does not contain alcohol.

Líquido para suavizar y restaurar pinceles, especialmente indicado para los pinceles de marta. No contiene alcohol.

Presentación/Packaging:
85 ml. - 28.890



Chipping Medium

Medium de Desgaste

New waterbased Medium to create flaked paint, scratches, and rust chips. Chipping Medium can be applied with airbrush or brush to create chipping effects with waterbased acrylic colors.

Nuevo Medium a base de agua, para la creación de roces, desgastes y desconchados. Chipping Medium se aplica con aerógrafo o pincel para crear efectos de desconchados con colores acrílicos a base de agua.

Presentación/Packaging:
17 ml. - 73.214
35 ml. - 76.550



White Stone Liner

Pasta Piedra Blanca

High density paste containing marble dust and titanium white. The product is packaged in a flexible plastic bottle with a fine nozzle for details. Dries to a white, totally opaque, stone hard finish which can be carved and sanded.

Pasta de alta densidad de polvo de mármol y blanco de titanio. Se presenta en un frasco con aplicador fino para detalles. Secado rápido, opaco y duro. Puede ser lijado y esculpido. Si se desea una pasta más flexible, mezclar con Gel Extra Denso Transparente (26.535).

Presentación/Packaging:
35 ml. - 26.234



Auxiliary Set

Estuche Auxiliares

Set with auxiliary finishing products in 17 ml. bottles with eyedropper.

Selección de productos auxiliares para el acabado de las figuras y maquetas. Se presentan en botellas de 17 ml. con cuentagotas.

Ref. 73.999

Contenido/Contains:

Barniz Mate/Matt Varnish (70.520), Medium Veladuras/Glaze Medium (70.596), Medium Mate/Matt Medium (70.540), Fijador Calcas/Decal Fix (73.213), Med. para Calcas/Decal Medium (73.212), Lavado Sepia/Sepia Wash (73.200), Lavado Negro/Black Shade (73.201), Lavado Pálido/Pale Wash (73.202).

Accessories / Accesorios

The perfect solution for storing Vallejo colors
La solución para organizar los colores de Vallejo



Art. 26007

Front Module / Modulo Frontal

Front Model Paint Stand: The perfect solution for storing Vallejo colors. This model has space for 52 bottles of Model Color in 17 ml. size, together with 8 bottles of 35 or 60 ml. and 22 brushes. Easy assembly, does not require glue.

Size: length 13.4" (34 cm), width 8.75" (22.3cm) and height 4.3" (11cm).

La solución para organizar los colores de Vallejo. El modulo frontal permite exponer 52 frascos de Model Color de 17 ml., junto con 8 frascos de 35 o 60 ml. y 22 pinceles. De fácil montaje, no requiere pegamento. Dimensiones: 34 cm largo x 22.3 cm ancho x 11 cm altura.



Art. 26008

Corner Module / Modulo Esquinero

The perfect solution for storing Vallejo colors. This corner model has space for 28 bottles of Model Color in the 17 ml. size, together with 16 bottles of 35 or 60 ml., one 200 ml. bottle and 26 brushes. Easy assembly, does not require glue.

Size: length 10.6" (27cm), width 10.6" (27cm) and height 4.3" (11cm).

La solución para organizar los colores de Vallejo. El modulo lateral permite exponer 28 frascos de Model Color de 17 ml. junto con 16 frascos de 35 o 60 ml., 1 frasco de 200 ml. y 26 pinceles. De fácil montaje, no requiere pegamento.

Dimensiones: 27 cm largo x 27 cm ancho x 11 cm altura.



Accessories / Accesorios



Pipettes 3 ml. Pipetas 3 ml.

Pipettes for mixing colors.
The packaging contains
8 units of 3 ml. each.

Pipetas para mezclas.
El embalaje contiene
8 pipetas de 3 ml. cada una.

Art. 26003



Pipettes 1 ml. Pipetas 1 ml.

Pipettes for mixing colors.
The packaging contains
12 units of 1 ml. each.

Pipetas para mezclas.
El embalaje contiene
12 pipetas de 1 ml. cada una.

Art. 26004

Airbrush Cleaning Pot Estación de Limpieza

Airbrush cleaning pot, glass with plastic lid, used to spray-clean airbrush. The airbrush is inserted into the opening of the plastic lid and is cleaned by spraying Vallejo Airbrush Cleaner #71.099 or water into the container.

Tarro de cristal con tapa de plástico para la limpieza del aerógrafo. El aire que atraviesa el filtro quedará limpio y el agua sucia se depositará en el tarro. El aerógrafo se introduce en la apertura de la tapa de plástico y se limpia pulverizándolo con Limpiador de Aerógrafo Vallejo #71.099 o agua en el interior del tarro.

Art. 26005



Accessories / Accesorios

Ultrasonic Cleaning Device

Limpiador por Ultrasonidos

Stainless Steel container, ideal for the thorough cleaning of airbrushes and painting tools, it removes the most resistant traces of paint and dirt, and maintains airbrushes and tools in perfect condition. Includes instructions. AC 220 V. Liquid Capacity 600 ml.

Recipiente de acero inoxidable ideal para limpieza en profundidad de aerógrafos y herramientas de mano. Elimina los restos de pintura y suciedad incrustados, y mantiene el aerógrafo y las herramientas impecables. Instrucciones de uso incluidas.

AC 220V. Capacidad líquida 600 ml.

Art. 26006



Mixing Bottle

Frasco Mezclas

Graduated bottle of 35 ml. for mixing colors with more precision.

Frasco graduado de 35 ml. para poder realizar mezclas más precisas.

Art. 26000

Plastic palette

Pocillos de plástico

Plastic palettes for mixing colors.

Paletas de plástico para mezclar los colores.



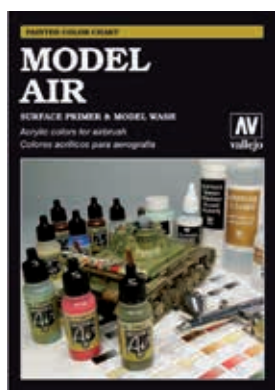
Art. HS121
18x8,5 cm



Art. HS120
13x9 cm.

Accesories / Accesorios

Hand painted and printed color charts / Cartas de colores impresas y pintadas a mano



Model Air color

Hand painted color chart for Model Air, Model Wash and Primers.

Carta de colores pintada a mano de Model Air, Model Wash e Imprimación.

Art. CC971



Model Color

Hand painted color chart for Model Color and Panzer Aces.

Carta de colores pintada a mano de Model Color y Panzer Aces.

Art. CC970



Game Color and Game Air

Hand painted color chart for Game Color & Game Air.

Carta de colores pintada a mano de Game Color y Game Air.

Art. CC972



Premium Color

Printed color chart.

Carta de color impresa.

Art. CC081



Model Color (Full range)

Printed color chart.

Cartas de colores impresa.

Art. CC070



Model Color (Basic range)

Printed color chart.

Carta de colores impresa.

Art. CC720



Model Air

Printed color chart.

Carta de colores impresa.

Art. CC071



Model Wash

Printed color chart.

Carta de colores impresa.

Art. CC095



Game Air

Printed color chart.

Carta de colores impresa.

Art. CC082

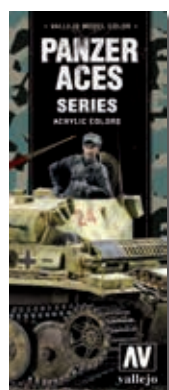


Game Color

Printed color chart.

Carta de colores impresa.

Art. CC072



Panzer Aces

Printed color chart.

Carta de color impresa.

Art. CC077

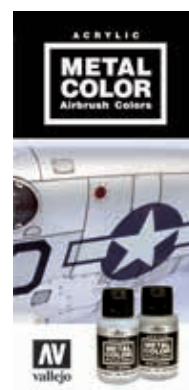


Pigments

Printed color chart.

Carta de color impresa.

Art. CC088



Metal Color

Printed color chart.

Carta de color impresa.

Art. CC069



Water & Stone

Printed color chart.

Carta de color impresa.

Art. CC026

Pinceles / Brushes

Toray and superior quality Kolinsky Sable brushes made in Europe. Varnished wooden handles, nicked brass ferrules and protective cap.

Pinceles de Toray y de Marta Kolinsky de calidad superior. Mango de madera barnizado. Con virola niquelada sin costura y tapa de protección.



RK25
Finest Kolinsky
Tajmyr Sable
Marta Kolinsky Tajmyr

Finest red sable brush for watercolor & miniatures (packaging of 3 units).
El mejor pincel de Marta para acuarela y miniaturas (embalaje de 3 uds).
Tamaño/size: #4/0-3/0-2/0-0-1-2



P18
Kolinsky Sable
Marta Kolinsky

Red sable brush for watercolor & miniatures (boxes of 12 units).
Pincel de Marta para acuarela y miniaturas (cajas de 12 uds).
Tamaño/size: #10/0-5/0-4/0-3/0-2/0-0-1-2-3-4-5-6-7-8



P54
Round Toray
Redondo Toray

Toray brush for watercolor & miniatures (boxes of 12 units).
Pincel de Toray para acuarela y miniaturas (cajas de 12 uds).
Tamaño/size: #10/0-5/0-4/0-3/0-2/0-0-1-2-3-4-5-6-7



P15
Round Toray
Redondo Toray

Toray Brush with triangular handle for watercolor & miniatures (boxes of 12 units).
Pincel de Toray con mango triangular. Para acuarela y miniaturas (cajas de 12 uds).
Tamaño/size: #3/0-2/0-0-1-2-3



PM05
Dry Flat Rectangular
Plano Carrado

Top quality synthetic brushes with graduated filament, absorbent, durable and versatile (boxes of 12 units).
Pincel pelo de Toray graduado de calidad superior. Mango corto de madera barnizado color plata (cajas de 12 uds).
Tamaño/size: #2-4-6-8-10-12



PF20
Camel Hair
Pelo de Pony

Camel hair brush for all purposes (boxes of 12 units).
Pincel pelo de pony multiuso (cajas de 12 uds).
Tamaño/size: #1-2-3-4-5-6-7-8-9-10-11-12

Estuches / Sets

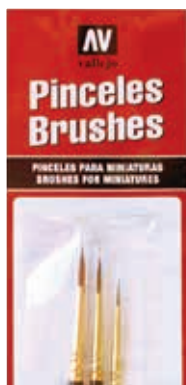
Toray and superior quality Sable brushes made in Europe. Varnished wooden handles, nicked brass ferrules and protective cap.

Pinceles de Toray y de Marta Kolinsky de calidad superior. Mango de madera barnizado. Con virola niquelada sin costura y tapa de protección.



Ref. P15999
Starter Set Toray

3 Toray brushes; Round 3/0 with triangular handle, 1 Round nº1 and 1 Flat Dry Brush nº4.
3 pinceles Toray; 1 Pincel Redondo con mango triangular nº3/0, 1 Pincel Plano Carrado nº4 y 1 Pincel Redondo nº1.



Ref. P54998
Detail Set (Round Toray)

3 Toray brushes for models & miniatures #4/0, 3/0, 2/0.
3 pinceles Toray para modelos y miniaturas #4/0, 3/0, 2/0.



Ref. P54999
Painter Set (Round Toray)

3 Toray brushes for models & miniatures #0, 1, 2.
3 pinceles Toray para modelos y miniaturas #0, 1, 2.



Ref. RK25.998
Painter Set Finest Kolinsky Tajmyr Sable

3 finest Marta Kolinsky Sable brushes for models and miniatures #0, 1, 2.
3 pinceles de Marta Kolinsky para modelos y miniaturas #0, 1, 2.



Ref. RK25.999
Detail Set Finest Kolinsky Tajmyr Sable

3 finest Marta Kolinsky Sable brushes for models and miniatures #4/0, 3/0, 2/0.
3 pinceles de Marta Kolinsky para modelos y miniaturas tamaño #4/0, 3/0, 2/0.

Publications / Publicaciones

Art. 75005

The Rise of Fantasy by Juan J. Barrena (JJ)

112 pages with practical guide and introduction to the creation of fantasy scenes. This book contains step by step instructions on how to paint a figure and the transformation of the figures, as well as the composition of the backgrounds, with points on highlighting the various elements of the composition, and on the portrayal of water, land, wood and rusted metal and general scenery.

112 páginas con una guía práctica para introducirse en la realización de viñetas de fantasía. Con explicaciones paso a paso de como pintar una figura, componer una escena, criterios para iluminar los diversos elementos de una composición, realización de agua, terrenos, maderas, metales oxidados, transformaciones de figuras, etc.



Art. 75003

Angel Giraldez Masterclass vol. 1

120 pages showing the painting methods which, over the years, have helped Angel bring Infinity's miniature range to life. This manual describes, in meticulously detailed step by step tutorials accompanied by hundreds of full-color pictures, how to apply Angel's techniques to some of the most outstanding Infinity miniatures.

120 páginas mostrando el método de pintura, que a lo largo de los años, ha ayudado a Angel Giraldez a dar vida a las miniaturas de Infinity. El libro describe, meticulosamente detallado con pasos a pasos acompañado con cientos de fotografías a color, cómo aplicar las técnicas de Angel Giraldez sobre las miniaturas más destacadas de Infinity.



Each book includes a complementary exclusive miniature "Jeanne of Arc" (scale 32 mm).

This miniature is part of the product and cannot be sold separately.

Publications / Publicaciones

Art. 75006

FC Modeltips

120 pages focused on easy tips and tricks for modeling paint techniques than can be as handy for beginners as for experienced modelers, saving time in the painting and weathering processes, and getting the most professional and realistic results.

In discussions with other modelers, we almost always arrive at the same question: how many models can you finish in a year? Some mention the time needed to finish just a few models per year, others talk about the several months invested just to see one model completed, but most of them were talking about the difficulty of a complete and complex weathering process, the many hours invested in looking for the real finish, the real final effects.

The intention of this book is to share with other modelers a collection of very easy techniques, some useful and well known, some completely original, all with the purpose of making the process of painting and weathering a model easier and faster, and above all, enjoyable, so that the modeler can go on to the next project, just for fun, just for the joy of modeling, the pleasure of achieving the most realistic replica of the original in its place and time.

NEW!



DVD AFV Acrylic techniques

For all who desire to use only waterbased acrylic products for their models, this DVD by Miguel Jimenez wil explain all the details, all the tricks and methods to achieve the best results with our colors.

Para todos aquellos que desean utilizar exclusivamente acrílicos a base de agua para sus maquetas, este DVD realizado por Miguel Jimenez nos explica con detalle todos los trucos y métodos para conseguir un resultado inigualable con nuestros colores.

Ref. 75000 Pal System

Ref. 75001 NTSC System



Expositores / Displays



Complete Model Color EX108 / EX108 FULL

Complete range and auxiliary products in 17 ml. bottles. Please see colorchart on page N°8/9.
Gama completa de colores y productos auxiliares en frascos de 17 ml. Véase el listado de colores en la página N°8/9.

Wide/Ancho: 63 cm.
Deep/Profundidad: 33 cm.
High/Altura: 195,5 cm.



Model Color Military Range EX132 / EX132 FULL

Countertop display unit. Contains 80 colors in 17 ml. bottles. See colors marked ★ on pages 8/9.
Expositor sobremesa. Contiene 80 colores en frascos de 17 ml. Véase colores con marca ★ en páginas 8/9.

Wide/Ancho: 50,5 cm.
Deep/Profundidad: 25,5 cm.
High/Altura: 75 cm.



Model Color Basic Range EX124 / EX124FULL

Countertop display unit. Contains 80 colors in 17 ml. bottles. See colors marked ● on pages 8/9.
Expositor sobremesa. Contiene 80 colores en frascos de 17 ml. Véase colores con marca ● en páginas 8/9.

Wide/Ancho: 50,5 cm.
Deep/Profundidad: 25,5 cm.
High/Altura: 75 cm.



Model Air Combi
EX136 / EX136FULL

Complete range of Model Air, Surface Primers, Model Wash, Pigments and auxiliary products.
Gama completa Model Air, Surface Primers, Model Wash, Pigmentos y productos auxiliares.

Wide/Ancho: 82 cm.
Deep/Profundidad: 33 cm.
High/Altura: 195,5 cm.



Model Air
EX123 / EX123FULL

Contains 137 colors, 16 primers and 7 auxiliary products in 17 ml. bottles.
Contiene 137 colores, 16 imprimaciones y 7 productos auxiliares en frascos de 17 ml.

Wide/Ancho: 50,5 cm.
Deep/Profundidad: 26 cm.
High/Altura: 132 cm.



Panzer Aces
EX703 / EX703 FULL

Complete range in countertop display.
Contains 48 colors in 17 ml. bottles.
Gama completa en expositor sobremesa.
Contiene 48 colores en frascos de 17 ml.

Wide/Ancho: 50,5 cm.
Deep/Profundidad: 25,5 cm.
High/Altura: 54 cm.

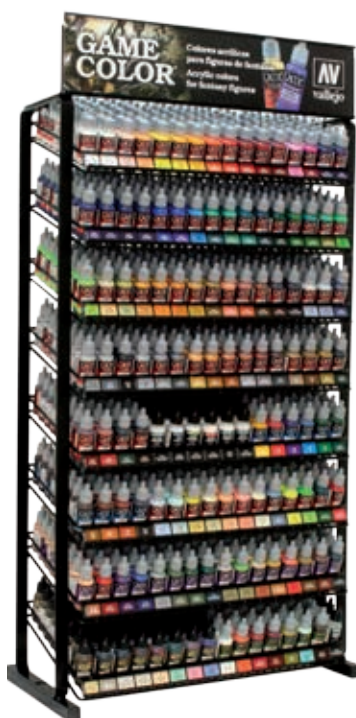
Expositores / Displays



Basic Game Color
EX702 / EX702 FULL

Countertop display. Contains 48 colors in 17 ml. bottles.
Expositor sobremesa. Contiene 48 colores en frascos de 17 ml.

Wide/Ancho: 50,5 cm.
Deep/Profundidad: 26 cm.
High/Altura: 54 cm.



Complete Game Color
EX122 / EX122 FULL

Countertop display. Contains 128 colors in 17 ml. bottles.
Expositor sobremesa. Contiene 128 colores en frascos de 17 ml.

Wide/Ancho: 50,5 cm.
Deep/Profundidad: 26 cm.
High/Altura: 110 cm.



Game Air
EX706 / EX706 FULL

Contains 64 colors in 17 ml. bottles, boxes of 6.
Contiene 64 colores en frascos de 17 ml. en cajas de 6 unidades.

Wide/Ancho: 50,5 cm.
Deep/Profundidad: 23 cm.
High/Altura: 56 cm.



Surface Primers
EX134 / EX134 FULL

Contains 18 references in 60 ml. bottles.
Contiene 18 refs de 60 ml.

Wide/Ancho: 25 cm.
Deep/Profundidad: 25,5 cm.
High/Altura: 56 cm.



Premium RC Color
EX120 / EX120FULL

Contains 60 colors in 60 ml. bottles, boxes of 6 units.
Contiene 60 colores en frascos de 60 ml. en cajas de 6 unidades.

Wide/Ancho: 53 cm.
Deep/Profundidad: 25 cm.
High/Altura: 87 cm.



Water & Stone
EX131 / EX131 FULL

Contains Water Effects and Earth range.
Contiene gama Efectos Agua y Tierra.

Wide/Ancho: 30 cm.
Deep/Profundidad: 28 cm.
High/Altura: 80 cm.

Expositores / Displays



Model Wash
EX135 / EX135FULL

Contains 18 Model Wash in 35 ml. bottles.
Contiene 18 Model Wash en botellas de 35 ml.

Wide/Ancho: 25 cm.
Deep/Profundidad: 25,5 cm.
High/Altura: 51,5 cm.



Pigments
EX130 / EX130FULL

Contains 23 pigments and 1 auxiliary
in 30 ml. bottles.
*Contiene 23 pigmentos y 1 producto auxiliar,
en tarros de 30 ml.*

Wide/Ancho: 25 cm.
Deep/Profundidad: 25,5 cm.
High/Altura: 61,5 cm.

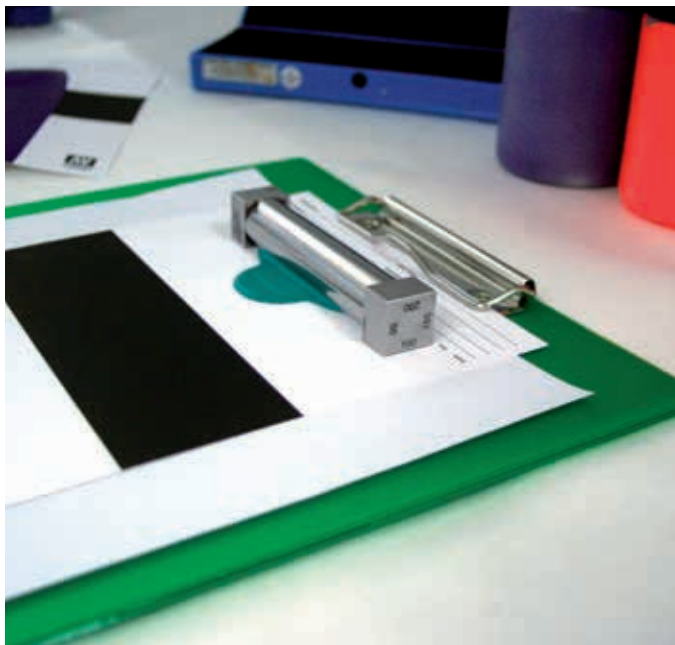


Metal Color
EX121 / EX121FULL

Contains 19 Metal Color in 32 ml. bottles.
Contiene 19 Metal Color en 32 ml.

Wide/Ancho: 25 cm.
Deep/Profundidad: 25,5 cm.
High/Altura: 66,5 cm.

Health & Safety / Salud y seguridad



EN REACH

R.E.A.CH is a new European Community Regulation on chemicals and their safe use. It deals with the Registration, Evaluation, Authorization and Restriction of Chemical substances. The new law entered into force on 1 June 2007.

The aim of REACH is to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. One of the main reasons for developing and adopting the REACH Regulation was that a large number of substances have been manufactured and placed on the market in Europe for many years, sometimes in very high amounts, and yet there is insufficient information on the hazards that they pose to human health and the environment. There is a need to fill these information gaps to ensure that industry is able to assess hazards and risks of the substances, and to identify and implement the risk management measures to protect humans and the environment.

ASTM D-4236

The U.S.A. certification ASTM D-4236* Standard Practice for Labeling Art Materials for Chronic Health Hazards describes the standard procedure for developing precautionary labels for art materials in case of chronic health hazard, and to provide precautionary statements based on knowledge that exists in the scientific and medical communities. These statements concern hazards known to be associated with a product or product component(s) when it is present in a physical form, volume, or concentration that in the opinion of a toxicologist has the potential to produce a chronic adverse health effect. This practice applies exclusively to art materials packaged in sizes intended for individual users of any age or those participating in a small group, and does not apply to products appropriately labeled for known chronic health hazards. Also, this practice does not specify test methods for determining whether a substance or product presents adverse chronic health effects.

Labels should include the signal word WARNING, list of potentially chronic hazards, name of chronically hazardous component(s), safe handling instructions, list of sensitizing components, information sources, labeling content and product size, and other supplementary information. (ASTM International, known until 2001 as the American Society for Testing and Materials, is an international standards organization that develops and publishes voluntary consensus technical standards).

* To obtain the ASTM certification, the manufacturer presents the formulation of the products in question to an accredited toxicologist, who after careful study of the ingredients of each color provides the documentation which informs of the warning, if applicable, that each of the product labels should provide.



ES REACH

R.E.A.CH es el nuevo Reglamento de la Comunidad Europea que entró en vigor el 1 de junio de 2007 que regula el uso de sustancias químicas. El Protocolo Reach ha sido descrito como la mas compleja legislación de la Unión Europea y la más importante en los últimos 20 años puesto que regula el registro, la evaluación y autorización o restricción de las sustancias y preparados químicos con el objetivo de garantizar el mas elevado nivel de protección al usuario y al medio ambiente. El propósito de REACH es mejorar la protección de la salud del usuario y del medio ambiente mediante una identificación mejor y más temprana de las propiedades intrínsecas de las sustancias químicas. Una de las principales razones para desarrollar y adoptar el Reglamento REACH ha sido que durante muchos años se han estado fabricando y distribuyendo en el mercado europeo una gran cantidad de productos de los cuales todavía no hay una información suficiente sobre los peligros que pueden representar para la salud del usuario y el medio ambiente.

ASTM D-4236

Las siglas ASTM corresponden a la American Society for Testing and Materials. La norma ASTM D-4236* describe el procedimiento estándar a seguir en la información que el fabricante debe facilitar en la etiqueta del producto con el fin de advertir, mediante frases de precaución o advertencia, del posible riesgo para la salud del usuario. Estos documentos se refieren a los riesgos que se sabe que están asociados a un producto, o a uno o varios de sus componentes, cuando éste se encuentre presente en una forma física, volumen o concentración que en opinión de los toxicólogos pudiera llegar a ser causante de algún efecto crónico perjudicial para la salud. Este procedimiento afecta exclusivamente a los materiales de arte destinados a la venta a particulares de cualquier edad y es de aplicación a los productos que hayan sido etiquetados específicamente como causantes reconocidos de efectos crónicos perjudiciales para la salud.

Además, esta práctica no especifica los métodos de análisis utilizados para determinar si una sustancia o producto puede producir efectos crónicos perjudiciales para la salud. Las etiquetas deberán incluir la indicación ADVERTENCIA, una lista de los riesgos potencialmente crónicos, el nombre del componente o componentes peligrosos, instrucciones para su manipulación segura, una lista de componentes sensibilizadores, las fuentes de información, el contenido nominal y cantidad del producto, así como cualquier otra información complementaria.

* Para obtener dicha certificación es necesario facilitar las formulaciones de nuestros colores a un toxicólogo acreditado por la organización ASTM para que éste, tras un pormenorizado estudio de los ingredientes de cada uno de los colores, redacte un documento en el cual informa de las frases de advertencia que debe portar cada una de las etiquetas.

Health & Safety / Salud y seguridad

EN Color Index

The pigments used for artists' colors are inorganic as well as organic. The inorganic pigments have been used since antiquity; most of them are extracted from minerals and soil, such as natural earth colors, siennas and ochres. Titanium, carbon and ultramarine pigments also belong to this category, as well as cobalt and cadmium. Many of these pigments are now also manufactured synthetically. Organic pigments have their origins in the 19th century. Industrial production developed at the beginning of the twentieth century owing to new manufacturing processes in organic chemistry. These synthetic pigments have become an important group in the manufacture of artists' colors, producing bright and luminous shades of great intensity and excellent light fastness and permanence.

The range has extended continuously, and now besides the familiar phthalocyanines and naphthols, includes azo compounds, dioxacines and pyrroles, anthraquinones and quinacridones.

ES Color Index

Los pigmentos empleados son tanto inorgánicos como orgánicos. Los inorgánicos han sido utilizados desde la antigüedad y la gran mayoría proceden o se extraen de minerales y arcillas, como las tierras naturales, sienas, y ocre. También los pigmentos de titanio, carbón, azul ultramar, cobaltos y cadmios pertenecen a esta categoría. Muchos de ellos son sintetizados actualmente en procesos industriales. Los pigmentos orgánicos son más modernos, se desarrollan a principios del siglo XX gracias a los nuevos métodos de síntesis en Química Orgánica.

Estos pigmentos sintéticos son ahora un grupo muy importante en la fabricación de colores para artistas, produciendo tonos brillantes e luminosos de una intensidad extraordinaria con una estabilidad y permanencia excelente.

La gama de pigmentos orgánicos es actualmente muy extensa y abarca desde pigmentos azoicos, azules, verdes ftalocianinas, dioxacinas, pirroles, antraquinonas, quinacridonas, etc.

Symbols / Símbolos

The symbols below are printed on different products following the rules of dangerous substances, in order to protect the user.

Los siguientes símbolos se hallan en diferentes productos destinados a la advertencia y protección del usuario siguiendo las normativas de sustancias peligrosas.



FLAMMABLE (F) INFLAMABLE (F)

Indicate that product is easily set alight.

Indica que el producto es fácilmente inflamable.



EXCLAMATION SYMBOL SÍMBOLO EXCLAMACION

Indicates that the product has a possible risk qualification of irritating.

Este símbolo indica que el producto es irritante.



TRIANGLE TRIÁNGULO

A raised triangle on the label, as a tactile warning for blind people that the material might have a certain risk. *Un triángulo saliente en la etiqueta es una advertencia táctil para personas ciegas que indica que el material puede tener cierto riesgo.*



PUNTO VERDE GREEN POINT

This symbol indicates that the material of the packaging can be recycled, and that the manufacturer adheres to the regulations governing the use of this symbol.

Este símbolo indica que el material del envase puede reciclarse y que el fabricante se adhiere a las normas que regulan el uso de este símbolo.



IRRITATING (Xi) IRRITANTE

Direct contact, prolonged or repeated, with skin or mucous membranes can cause inflammation. Carefully observe safety all precautions.

Sin ser corrosivas, pueden producir inflamaciones en caso de contacto breve, prolongado o repetido con la piel o en mucosas. Peligro de sensibilización en caso de contacto con la piel. Clasificación con R43.



CE

CE marking is a key indicator of a product's compliance with EU legislation and enables the free movement of products within the European market. By affixing the CE marking on a product, a manufacturer is declaring, on his sole responsibility, conformity with all of the legal requirements to achieve CE marking and therefore ensuring validity for that product to be sold throughout the EEA, the Member states of the EU and European Free Trade Association countries - Iceland, Norway, Liechtenstein and Turkey. This also applies to products made in third countries which are sold in the EEA and Turkey. However, not all products must bear the CE marking. Only those product categories subject to specific directives that provide for the CE marking are required to be CE marked.

CE indica la conformidad de un producto con la legislación de la UE y permite así la libre circulación de los productos dentro del mercado europeo. Al colocar el marcado CE en un producto, el fabricante declara, bajo su exclusiva responsabilidad, que el producto cumple todos los requisitos legales para el marcado CE, lo que significa que puede venderse en el Espacio Económico Europeo (EEE). Lo mismo vale para los productos fabricados en otros países y vendidos en el EEE.



ACRYLICOS VALLEJO, S.L.
08800 Vilanova i la Geltrú
Barcelona (Spain)
Tel. +34 93 893 60 12
Fax +34 93 893 11 54
vallejo@acrylicosvallejo.com
www.acrylicosvallejo.com

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CC75 - Rev.013

