

ELIOGLASS

Rev. 07 of 07/01/2016

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Technical Data Sheet No. 2903060610

Denomination	ELIOGLASS
Description	Acrylic Vitrescent Varnish – Transparent Finish (Glossy and Matte Versions)
Product Details	Transparent film-forming water-based finish in glossy and matte versions. It is suitable to confer both brightness to surfaces with paints or coatings and opacity, as well as anti-rubbing properties for any finishes in strong colors that are very delicate to the touch. Very high resistance to alkalies, rain, aggressive atmospheric agents, as well as sea air.
VOC Classification (Directive 2004/42/EC)	"Interior/Exterior Trim Varnishes and Woodstains, including Matt Woodstains" EU limit value for this product (cat. A/e): 150 g/l (2007), 130 g/l (2010) This product contains max. 130 g/l VOC
Surface Preparation & Application	NEW SUBSTRATES Carefully dust all the surface to be treated. Apply the first coat of ELIOGLASS directly, avoiding to obtain strong thicknesses and exerting a certain pressure during the application, thus allowing the paint film to distribute homogeneously. Apply a second coat, if needed. PAINTED SUBSTRATES Make sure that the underlying paint is well anchored; assess the degree of sensitization to the treatment with the vitrifying agent and then proceed as above. Apply a second coat, if needed.
Practical Advices	Room Temperature: Min. 5°C / Max. 35°C Relative Humidity: Min. 35% / Max. 85% Substrate Conditions: Dry
Available Sizes	5 liters - 0,750 liters
Storage	<ul style="list-style-type: none">Keep container tightly closed in a dry, cool place.Storage Temperature: up to 5°C / below 40°C.Shelf Life: 24 months under optimal temperature and R.H. conditions.
Safety Standards	Product exempt from labelling according to Legislative Decree No. 65/03 (in Italy). For further information, reference should be made to the related Material Safety Data Sheet. Empty containers or containers with slight film traces of dried residual product must be disposed of in accordance with local requirements.

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Technical Features	Laboratory Data @ 20°C (68°F), 65% R.H.
Vehicle Type	Acrylic Resins
Specific Weight (during Packaging)	1.020 ÷ 1.030 gr/liter
% Solids	By Weight: 21,7 % ÷ 30,0 % By Volume: 19,2 % ÷ 27,6 %
Color	Milky White
Viscosity Brookfield RVT at 20°C and 20 rpm	Glossy Version.....700 ÷ 1000 cps Matt Version380 ÷ 430 cps
Filmability at Low Temperature	Good at + 5°C
pH after Storage	7,8 ÷ 8,2
Components	One
Dilution (V/V)	Ready-to-Use
Thin With	Water (Only for Tools Cleaning)
Tools	Short-Nap Roller; Brush
Dry Film Total Thickness per Coat	12,0 ÷ 17,0 µm
Coverage at Recommended Film Thickness	16 m ² /liter (per coat)
Dry to Touch	1 hours
Dry to Handle	3 ÷ 4 hours
Dry to Recoat	Min. 6 hours – Max. N/A
Dry Film Appearance @ 85°	< 10 - ≥ 5 gloss Matt
Dry Film Appearance @ 60°	≥ 60 gloss Glossy
Alkali Resistance	Alkali resistant. It can be applied on cementitious substrates.
Resistance to Washing N. of Brush Strokes	Excellent ≥ 5000
Water Vapor Permeability	Classification: Low Water Vapor Diffusion: < 15 g/m ² .d (= in 24 h)
Dirt Pick-Up	Δ L --> ≤ 3,0.....Very Low

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