

ELIOSIL W119

Rev. 04 of 03/21/2012 P. 1 of 2
Technical Data Sheet No. 2711891400

Denomination ELIOSIL W119

Description Solvent-Based Hydrophobic Protective Covering Agent for Building Materials of Historical and Artistic Interest

Product Details Siloxane, transparent, non-filmforming protective covering agent for construction. Its effectiveness and water repellency occur after the complete evaporation of the solvents. Its versatility allows it to be used on any type of substrate that is more or less absorbent, such as: calcarenite, sandstone, concrete, natural stone, bricks, fresh plasters, light or dark paints; recoatable even after a long time. Especially recommended for restorations. It prevents the formation of efflorescences, generated by dragging the salts present in the building material.

VOC Classification
(Directive 2004/42/EC) Not intended for uses contained in Directive 2004/42/EC
"Non-Filmforming Hydrophobic Primer"

Surface Preparation & Application

NEW SUBSTRATES
Clean any powdery parts present in the support by blowing.

PAINTED SUBSTRATES
Remove any friable or poorly anchored parts and restore them with adequate cement-based mortar.

Practical Advices

Room Temperature: Min. 5°C / Max. 35°C
Relative Humidity: Min. 35% / Max. 85%
Substrate Conditions: Applicable on wet substrates

Available Sizes

25 liters - 4 liters - 1 liter

Storage

- Keep container tightly closed in a dry, cool place.
- Storage Temperature: up to 0°C / below 35°C.
- Shelf Life: 12 months under optimal temperature and R.H. conditions.

Safety Standards

The product is classified as dangerous according to the provisions of Directives 67/548/EEC and 1999/45/EC (and their subsequent amendments and adjustments). The product therefore requires a Safety Data Sheet in accordance with the provisions of Regulation (EC) 1907/2006 and subsequent amendments.

Any additional information regarding risks to health and/or the environment is reported in the sec. 11 and 12 of this sheet.

Hazard Statements: Xn - N
R-Phrases: 10-51/53-65-66-67

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Technical Features	Laboratory Data @ 20°C (68°F), 65% R.H.
Vehicle Type	Siloxane Resins
Specific Weight (during Packaging)	790 ÷ 800 gr/liter
% Solids	By Weight: 6,3 % ± 1 By Volume: 4,7 % ± 1
Color	Colorless
Viscosity Ford Cup No. 4 at 20°C	9 ÷ 11 seconds
Flash Point	From > 21 to < 55
Components	One
Dilution (V/V) - Roller	Ready-to-Use
Dilution (V/V) - Brush	Ready-to-Use
Thin With	Diluyente 622 (Only for Tools Cleaning)
Tools	Roller; Brush
Dry Film Total Thickness	The product does not form a superficial film.
Theoretical Consumption at Recommended Film Thickness	Concrete 0,25 ÷ 0,50 lt/m ² Aerated Concrete 0,50 ÷ 2,00 lt/m ² Limestone 0,40 ÷ 0,70 lt/m ² Natural Stone 0,20 ÷ 3,00 lt/m ² Bricks 0,40 ÷ 2,00 lt/m ² Plaster ie. Li Vigni plaster 0,50 ÷ 1,00 lt/m ²
Dry to Touch	12 hours
Dry to Recoat	Suitable for wet-on-wet use
Dry Film Appearance	Non-filmforming - Transparent with "wet" effect
Alkali Resistance	Alkali resistant. It can be applied on cementitious substrates.
Water Vapor Permeability	Classification: High Water Vapor Diffusion: ≥ 150 g/m ² .d (= in 24 h)

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