Scheda Tecnica

ELASTOSILOX LOTUS EFFECT





Siloxanic elastomeric painting

Excellent breathability and water repellency

Alkali-resistant and weatherproof - Self-cleaning - Effetto Lotus

Codice	0897
Description	High quality emulsion paint based on acrylic and siloxane resin modified on elastomeric copolymer, anti-mold and anti-algae, which in addition to giving the product excellent water repellency, excellent transpiration to water vapor and humidity, high resistance in highly alkaline, gives excellent permanent elasticity. Its innovative formulation transforms pouring water into small drops which, sliding off the surface naturally, make it perfectly clean and dry (Lotus Effect).
Use	For the protection of surfaces prepared with lime or cement plaster, or on facades with problems of cracks, capillary lesions, when excellent weather resistance is required together with good breathability and water repellency. It also adheres well to old paint provided they are well adhered.
Aspect of the film	Matt
Colour	White and from colour chart
Component	1

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Hardening	Physical hardening by evaporation of water and coalescence of the polymer.
Specific weight	1,430 gr/ml
Volume of solids	45,5 %
VOC	12 gr/ liter
Spessore minimo	80 micron
Theoretical yield	5.6 m2 / liter for a thickness of 80 dry microns
Flash point	Component A > 114°C
Capillary Absorption	DIN 52615: Sd=0.14m
Adhesion	ISO 2409: Excellent
Chalking	ISO 4628-6: Excellent
Temperature resistance	Max 60°C
Vapor permeability	ASTM D 1653-72: 752,2 g/mq d; 1988,6 g/mq d (Interpolated value of the support)

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Washability	> 10000 Strokes
Surface preparation	New surfaces: New plaster or patches must be cured, clean, dry and non-chalky. Then apply a coat of our SILOX PRIMER fixative On old paint, eliminate traces of oil, grease, non-adherent parts, level any irregularities in the substrate, seal any cracks. Then apply a coat of our SILOX PRIMER fixative. In the presence of mould, cleanse the substrate with our remediation system for facades, first spraying our SD SPRAY ANTIMOULD, dry with a cloth and apply a SANIMUFF sanitizing solution and leave to act for 24 to 48 hours. Once dry, apply one of our SILOX PRIMER fixative.
Preparation of the product	Mix the product before use and add water Component A 100 Water: 1st coat 25-30% - 2nd coat 10-15%
Environmental conditions	Ambient temperature: from + 8 to 40°C Support temperature: > 10°C Humidity: 0 – 85 % To prevent the formation of condensation, the substrate temperature must be at least 3°C ??higher than the dew point.
Precautions:	.Do not apply on damp or uncured substrates . Do not apply at temperatures below 10°C . Do not apply with humidity exceeding 85%, in case of imminent rain and in the presence of wind.
Drying time and hardening	For thicknesses of 100 microns 10°C 20°C 30°C Dry to the touch 3 hours 0.5 hours Dry in depth 12 8 4
Waiting times for overcoating	Minimum (hours) 10°C 20°C 30°C 24 12 8 Maximum unlimited in the absence of contaminants

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Application	Brush, roller or spray For brush application, use nylon brushes or pure bristle brushes. For roller application using a medium-haired roller. For the application, use the method of crossed coats
Storage life	Two years in a cool, dry place (max 40 ° C)
Packaging	Comp A Lt. 14 – Lt. 5 – Lt. 2,5



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