

ELASTEK PLUS

ACRYLIC BASED ELASTOMERIC SILK-MATT EXTERIOR COATING

DEFINITION

Pure acrylic based, elastomeric, waterborne, flexible, shows crack bridging and CO₂ barrier properties and silk-matt exterior coating material.

PROPERTIES

ELASTEK PLUS, makes a cross-linking by the presence of UV light (sunlight) due to its pure acrylic content and is perfectly resistant to abrasive and variable weather conditions with its elastomeric structure. The general properties are;

- High alkali resistance
- High UV resistance
- Crack bridging
- Elastomeric behaviour between -40 °C and +60 °C
- Low water absorption
- Breathable
- Prevents the corrosion by CO₂ barrier property
- Stain repellancy

AREAS OF APPLICATION

ELASTEK PLUS can be applied and used safely in all interior and exterior areas.

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Before the application of ELASTEK PLUS, the surfaces should be cleaned of dust, stain, and impurities. The dusty and weak surfaces should be scratched and cleaned out as well as the swelling and limy surfaces. Decopaste Ex-0250 or Dekonar group should be applied in case of a repairment. For the concrete surfaces, C-Bond primer should be applied prior to the application of putty or grout.

APPLICATION

Before the application of ELASTEK PLUS, the surfaces are recommended to be treated by Elastek Prime, Elastek Prime Pigmented Primer due to its extra elasticity Nevertheless, the surfaces should be primed by Byprime Sil and Byprime pigmented (dilution by % 5-10) by roll or airless spray gun as one layer. Besides its pattern roll applications, ELASTEK PLUS can also be applied as 2 or 3 layers to obtain a higher film thickness resulting a better crack bridging property.

PACKAGING AND STORAGE

ELASTEK PLUS is produced in 25 kg plastic pails. The goods should be stored in clean and dry areas and kept away from sun, rain, hot and cold weathers. The unsealed goods can be stored for 12 months.

HEALTH AND SECURITY

S2 Keep out of reach of children.

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TECHNICAL DATA

Class:	TS EN 1062-1: G ₂ -E ₁ -S ₁ -V ₂ -W ₃ -A ₅ -C ₁			
Consumption:	Depending on the pattern and the surface; 500-700 gr/m ² /layer			
	CLASS	TS EN 1062-1 Std	ELASTEK PLUS	STD NR
Glossiness (G)	G ₂	G>10 (85°)	10<G<20	TS EN ISO 2813
Film Thickness (µm)	E ₁	E≤50	<10	TS EN 1062-1
Particle Size (µm)	S ₁	S<100	<10	TS EN ISO 1524
Vapour Transfer Rate (m)	V ₂	0,14≥Sd<1,4	Sd<0,20	TS EN ISO 7783-2
Water Transfer Rate (kg/m².h^{0.5})	W ₃	W≤0,1	W<0,1	TS EN 1062-3
Crack Bridging (µm)	A ₅	>2500	>2500	TS EN 1062-7
CO₂ Permeability (m)	C ₁	>50	>50	TS EN 1062-6
Viscosity (KU-Paste Spd.)			110-120	TAL-058
Density (g/cm³)			1,32±0,05	TAL-001
pH			8-9	TAL-004
%VOC			29 g/l	EPA TEST METHOD 24