

BYFLEX

ACRYLIC EMULSION BASED FLEXIBLE MATT EXTERIOR PAINT

DEFINITION

Acrylic emulsion based, waterborne, flexible, shows crack bridging and CO₂ barrier properties and silk-matt exterior paint.

PROPERTIES

BYFLEX, makes a cross-linking by the presence of UV light (sunlight) and is flexible and perfectly resistant to abrasive and variable weather conditions. The general properties are;

- High opacity
- 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

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

SURFACE PREPARATION

Before the application of BYFLEX, 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 BYFLEX, the surfaces should be primed by Byprime Sil and Byprime pigmented (dilution by % 5-10) by roll or airless spray gun as one layer. For the interior limy surfaces, it is recommended to apply Byprime-GP. It is applied after priming and patterned by plastic pattern trowel.

PACKAGING AND STORAGE

BYFLEX is produced in 15/7,5/2,5 Lt 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 ₃ -E ₁ -S ₁ -V ₂ -W ₃ -A ₄ -C ₁			
Consumption:	Depending on the color and the surface; (one layer) 10-16 m ² /lt (0,063-0,100 lt/m ²)			
	CLASS	TS EN 1062-1 Std	BYFLEX	STD NR
Glossiness (G)	G ₃	G≤10	1-3	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	A ₄	>1250	>1250	TS EN 1062-7
CO₂ permeability	C ₁	>50	>50	TS EN 1062-6
Viscosity (KU, Paste speed)			110-120	TAL-058
Density (g/cm³)			1,43±0,05	TAL-001
pH			8-9	TAL-004
Opacity (%CR)			>96	TAL-032
%VOC			28,1 g/l	EPA TEST METHOD 24