BYTECH
BOYA VE YAPI KİMYASALLARI

ELASTEK

ACRYLIC BASED ELASTOMERIC SILK-MATT EXTERIOR PAINT

DEFINITION

Pure acrylic based, elastomeric, waterborne, flexible, shows crack bridging and CO_2 barrier properties and silk-matt exterior paint.

PROPERTIES

ELASTEK, 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 opacity
- High alkali resistance
- High UV resistance
- Crack briding
- Elastomeric behaviour between -40 ^{0}C and +60 ^{0}C
- Low water absorbtion
- Breathable
- Prevents the corrosion by CO_2 barrier property
- Stain repellancy

AREAS OF APPLICATION

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

SURFACE PREPARATION

Before the application of ELASTEK, 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, the surfaces should be primed by Byprime, Bytech Consantrated Primer (1/7) or Byprime pigmented (dilution by % 5-10) by roll or airless spray gun as one layer. After priming, ELASTEK can be applied by brush, roll, or spray gun as two layers with the dilution to 10-20 %. All the equipments should be cleaned by water.

PACKAGING AND STORAGE

ELASTEK 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_2-E_1-S_1-V_2-W_3-A_5-C_1			
Consumption:	Depending on the colour and the surface; one layer, 10-16 m²/lt (0,063-0,100 lt/m²)			
	CLASS	TS EN 1062-1 Std	ELASTEK	STD NR
Glossiness (G)	G_2	G>10 (85^0)	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
CO_2 Permeability (m)	C_1	>50	>50	TS EN 1062-6
Viscosity (KU-Paste Spd.)			110-120	TAL-058
Density (g/cm³)			1,25±0,05	TAL-001
pH			8-9	TAL-004
%VOC			>96	TAL-032