FUTUR-PRIMER HC PU

SOLVENT-FREE TRI-COMPONENT POLYURETHANE PRIMER

Three-component polyurethane adhesion promoter, free of solvents. Especially indicated as a primer for polyurethane flooring.

PROPERTIES

Quick and easy application.
Fast curing even at low temperatures.
Excellent adhesion on almost all types of surfaces.
Does not contain solvents.
Great pore and omega coverage power.
It can be applied to new concrete with only 7 days of life.
It can be applied directly to rust.

PHYSICAL-CHEMICAL CHARACTERISTICS

Appearance*:	Liquid		
Presentation:	Packaging metallic Packaging 8 kg		
	Comp.A	**Comp. B**	**Comp. C**
	22 Kg	2.8 kg	3 kg
	Color White	Color brown	Solid
	Polyurethane		
Density at 20 ºC*:	1,300 ± 0.050 Kg/L (20 ºC, ASTM D1475)		
Pot-Life:	15-20 minutes (22 ºC)		
Drying to the touch:	5-6 hours (25 ºC and 55% R.H.)		
Repainted:	23 hours		
Cured total:	7 days		
Temperature of support:	> +5 ºC, < +35 ºC		
Temperature environment:	> +5 ºC, < +35 ºC		
Humidity relative:	< 85%		
Humidity of support:	Supports wet support		
Strength of accession:	> 2.5 N/mm2 (UN-EN 13892-8)		
Data EN-13813: CE marking			
Behavior into the fire:	ND		
Emission of corrosive substances:	SR		
Permeability steamed:	ND		
Resistance to wear:	ND		
Adherence:	B2.0		
Hardness Shore D:	ND		

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Isolation acoustic:	ND
Absorption acoustics:	ND
Resistance thermal:	ND
Resistance chemistry:	ND

* Quality specifications.

MODE OF USE

Before applying the product, check that the support is clean and free of traces of oil, grease, silicone, contaminating waxes or soil materials. If repair is needed, apply appropriate repair mortars.
Apply at room temperature between +10 ºC and 30 ºC. The temperature of the support must be between +10 ºC and 30 ºC. The support must be dry and with relative humidity It is important to control the dew point to prevent condensation from occurring and avoid whitish areas on the coating.
It is necessary to start from a porous concrete support, without grout, free of curing liquids, free of dust, level with porosity and dry. Minimum compressive strength of concrete: 15 N/mm2. Minimum tensile strength of concrete: 1 N/mm2.
If in doubt, carry out a test before application.
Mix the three components in the recommended proportion of 2.2 parts by weight of component A for every 2.8 parts of component B and 3 kg of solid component C. Shake well before use with a low-speed electric stirrer (300-400 rpm) to avoid including air in the product.
Product ready to use. In case of dilution, apply only a FUTURSOLVENT 001 solvent until the required viscosity is achieved with a maximum proportion of 15%, producing a variation in the VOC.
It is applied with a brush, roller, rubber spatula or airless spray gun.
Apply in thin layers with a maximum final consumption of 300/400 g/m2 per layer. Once the container is opened, we recommend total consumption.
Carry out the repainting before the previous layer dries to increase its adhesion (4-6 hours) with the finishing polyurethane flooring.

APPLICATIONS

Very useful in all types of construction companies, quick repair contracts, masonry in general, community maintenance, repair and restoration of buildings, industrial flooring, etc.
Application as:
Primer for polyurethane floors (polyurethane cements), in highly demanding applications (tunnels, warehouses, industrial floors, roofs, parking lots, stadiums, buried walls, etc.).
Supported media:
Concrete, cement mortar, ceramics, natural stone, metal, polymers, etc.
Support with moisture on the surface.
Porous supports.
For other supports we recommend carrying out tests to verify their adhesion.

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