



IPAPOX FB

Epoxy Coating Resin for Industrial Flooring

Product Specifications:

IPAPOX FB is a non-polluting, solvent-free 2-component epoxy resin, its properties specially designed for industrial flooring.

Areas of Application:

IPAPOX FB is used to coat floors, silos, warehouses and production rooms, where high mechanical and chemical resistance is needed.

Action (Properties):

Once cured, IPAPOX FB will cure to form a smooth, easily cleaned coating characterized by a high degree of scratch resistance and that will stand up excellently against chemicals and other aggressive media. Upon curing, IPAPOX FB will form a non-toxic, physiologically harmless material containing, or discharging, no noxious, toxic or flavour-modifying substances. IPAPOX FB will not promote the growth of micro-organisms within drinking water reservoirs.

Processing Notes:

Apply compound only to solid substrates free from dust, oil and grease. Remove any former coats of paint or other matters adhering to the substrate, if necessary by sand, stream-jet or high-pressure water blasting. Use IPAPOX D/DB filled with silicate sand to smooth out any surface roughness any cracks, rough patches or holes.

Apply a priming coat with solvent-free IPAPOX IH/E or IPAPOX B/DB epoxy resin to sorptive substrates and then broadcast silicate sand 0,1-0,3 or 0,4-0,7mm but not in excess. Apply IPAPOX FB within between 8 and 24 hours; begin by mixing, thoroughly and homogeneously (for at least 3 minutes) the two components before troweling or brushing them on to the surface.

Keep spreading well any excess material; rough surfaces may need 2 coatings. To clean tools and equipment, use IPAPOX cleaner.

Technical Data:

Material:	Solvent-free, filled, 2-component epoxy resin.	
Appearance:	white, concrete grey and light grey further shades available upon request	
Density:		
component I	1,61 kg/ltr.(at +20oC)	
component II	1,04 kg/ltr	
mixture	1,47 kg/ltr	
Mixing Ratio:	comp. I	comp. II
parts p. weight	4	1
parts p. vol.	2,6	1
Processing Time (pot life):	approx. 30 minutes at +20° C	
Processing Temperature:	not below +10° C	
Curing:	protect against rain for approx. 4 hours; ready to be walked on after approx. 3 days; final strength after 7 days	
Consumption:	approx. 1.0-1,5kgs per square meter of coating	
Storage:	keep dry, protect against direct insolation	
Shelf Life:	1 year within unopened container	
Supplied In:	tinplate containers holding 12,5 kgs	

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Safety Recommendations:

IPAPOX FB II component is corrosive! Observe all protective measures prescribed by any competent social insurance association against occupational hazards in the chemical industry. Use gloves and protective goggles. Avoid any contact between the product and your skin. For improved protection, apply cream to your hands. Use a good deal of water to wash away any splashes of material reaching your skin or an eye; afterwards, immediately consult a physician.

Resistance Against Chemicals:

Acetic acid, up to 20 %	0
Ammonia, up to 10 %	+
Braking fluid	--
Caustic potash sol., up to 20 %	+
Chlorine bleach, 1/1	+
Cleaning agent	+
Diesel fuel	+
Distilled water	+
Ethanol	0
Formaldehyd, 5%	0
Gasoline	+
Glycerine	0
Heating fuel	+
Hydraulic fluid	-
Hydrochloric acid, up to 20 %	+
Lactic acid, up to 20%	0
Lubricant oil	+
Mineral oil	+
Nitric acid, up to 10 %	0
Salt solution, up to 10%	+
Sea water	+
Soap suds	+
Soda lye, up to 20%	+
Sulphuric acid, up to 10%	+
Thawing salt solution	+
Wheay	+

Legend

+ = resistant -0 = short-term resistant- = not resist

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