

TECHNICAL DATA SHEET

POLYLACK 2K EPOXY

Description

2 component solvent-based zinc phosphate epoxy primer for industrial applications.

Area of use

Used for corrosion protection of steel structure. In case of galvanized and non-ferrous metal surface the testing of the adhesion on a small area is recommended. In addition to general use Polylack 2K EPOXY can be used as a primer for fire protection paint system Polylack A and Polylack W.

SPECIFICATIONS			
Colour	redbrown or grey		
Volume solids (A+B)	70 ± 2 %		
Density (A+B)	1,5 ± 0,1 g/cm ³		
VOC	285 g/l		
Drying	average drying time at 20 °C, dry film thickness 100 µm		
	dust dry TG1	40 min	
	overcoatable TG6	3,5 hours	
Overcoating	second layer or finishing topcoat: after 3,5 hours		
Theoretical consumption	Dry film thickness: 100 µm Theoretical consumption: 215 g/m ² , 4,7 m ² /kg		
Surface preparation	EN ISO 8501-1 Sa 2,5 purity level, previous coat must be dry and free from any contamination		
Application	brush/roller/spray		
Dilution	thinner for EPOXY (max. 10%)		
Processing	Ambient temperature between +10 °C and +30°C, relative humidity up to 65%. Substrate temperature during application should be at least 3°C above dew point.		
Application method (guide settings)		For conventional spray	For airless spray
	Nozzle	1,5 – 2,5 mm	0,38 – 0,53 mm
	Pressure	3 – 4 bar	200 – 250 bar
Packaging	Paint: 32,4 kg in metal can; Hardener: 2,7 kg		
Mixing ratio A : B	by volume: 7 : 1 by weight: 12 : 1		
Hardener	POLYLACK 2K EPOXY COMPONENT “B”		

Pot life	The prepared mixture should be used within 4 hours.
Shelf life	24 months from production date in factory-sealed package.
Storage	at temperature from +5 °C to +35°C

Recommended dry film thickness up to corrosion category C4 is 80 µm.

Safety regulations

Physical, toxicological, ecological and safety data and specifications relating to the safe use of the product are set out in the Safety Data Sheet and the requirements contained therein must be followed.