

TEKNOSEAL WASH PRIMER 1270-00

PVB epoxy primer

TEKNOSEAL WASH PRIMER 1270-00 is two component mixture of inorganic pigments and fillers in an epoxy and PVB resins, diluted in organic solvents with the addition of zinc phosphate.

Improves the adhesion of the next coating layer to the metal surfaces. Reactive primer.

The paint is intended for pretreatment of steel, zinc and aluminium. Increases adhesion to powder coatings (PE and PE/EP). Coating with very good adhesion to the substrate, flexible and resistant to mechanical factors.

Machinery, Steel constructions

28±1% by volume (ISO 3233)

Aluminium, Steel, Zinc

Epoxy PVB









TECHNICAL DATA

Fields of application

Binder

Solids

Recommended substrate

Total mass of solids	Approx. 420 g/l	Approx. 420 g/l			
Volatile organic compound (VOC)	Approx. 622 g/l (DIRECTIVE 2010/75/EU)				
	The VOC value provided is the average value for factory produced products, and				
	consequently it will be subject to variations between individual products				
	covered by this Technical Data Sheet.				
Theoretical spreading rate	Dry film (μm)	Wet film (µm)	Theoretical spreading rate (m²/l)		
	30	107	9.3		
	40	143	7.0		
Practical spreading rate	The values depend on the application technique, surface conditions, overspray,				
	etc.				
Colours	TO-250 red oxide, TO-930 dark grey				
Gloss (60°)	Matt				
Hardener	Comp. B: TEKNOSEAL HARDENER 7270				
Mixing ratio (A:B)	25:1 parts by volume				
Pot life, +23°C	8 h				
Thinner	TEKNOSOLV 9506				
Storage	The storage stability is shown on the label. Store in a cool place and in tightly closed containers.				
	ciosea containers.				



DIRECTION FOR USE

Surface preparation	Remove from the surfaces any contaminants that might be detrimental to surface preparation and application. Remove also water-soluble salts by using appropriate methods. The surfaces are prepared according to the different materials as follows:	
	STEEL, ALUMINIUM, ZINC AND POWDER COATINGS SURFACES: The surface to be treated must be dry, salt-, grease- and dust-free.	
	The place and time of the preparation are to be chosen so that the prepared surface will not get dirty or damp before the subsequent treatment. Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.	
Application method	Airless spraying, Conventional spraying, Brush	
Application	Take into consideration the pot life of the mixture when estimating the amount to be mixed at a time. Before application the base and hardener are mixed in right proportion. Stir thoroughly down to the bottom of the vessel. Inadequate stirring or incorrect mixing ratio results in imperfect curing and impaired film properties.	
	Apply by airless spray, air spray or brush.	
	Airless spray parameter: 0.009 - 0.013"	
	Nozzle pressure 20 - 30 MPa	
	For air spray application it is recommended to thin the paint by adding 30% of TEKNOSOLV 9506.	
Application conditions	The surface to be treated must be dry and the relative air humidity below 80%. During the application and drying period the temperature of the ambient air shall be above +10°C and at least 3°C higher than dew point of the ambient air.	

Adequate ventilation during application and drying period is recommended.



Drying time	+23°C / 50% RH (dry film	+23°C / 50% RH (dry film 35 μm)			
- dust free	after 30 min	after 30 min			
- touch dry	after 1,5 h	after 1,5 h			
- fully cured	after 7 days	after 7 days			
Overcoatable	Surface temperature	By itself or by paints: TEKNODUR 70 5-00, epoxy paints, powder coatings (PE and PE/EP)			
		Min.	Max.		
	+23°C	2 h	-		
	ventilation conditions. Ov temperature, ventilation, Increase in film thickness	Given indications relates to the recommended coating thickness, drying in good ventilation conditions. Overcoating times may be different with a change of temperature, ventilation, number of layers and the thickness of the coating. Increase in film thickness and rise in the relative humidity of the air in the drying space usually slow down the drying process.			

Cleaning TEKNOSOLV 9506

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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