



kansai paint

Kansai Paint Iranian

Technical Data Sheet: Ref: TDS-HPC-0001-V02

www.kansaipaint.ir

Date of issue: June 2017

A570-1005

POLYAMIDE CURED ZINC PHOSPHATE EPOXY PRIMER

GENERIC TYPE	Epoxy																				
DESCRIPTION	A570-1005 is a two component, polyamide cured epoxy primer, containing zinc phosphate as corrosion inhibiting pigment.																				
RECOMMENDED USE	As a dust inhibitive primer on steel structures , off shore plat forms , super structures, exteriors of storage tanks , pipes and machinery , decks and hulls surfaces after sand blast.																				
FEATURES	<ul style="list-style-type: none">-Suitable for application on blasted steel-Good cutting and welding properties-Suitable as a first coat in various paint systems-Suitable for use in industrial and marine environment																				
PHESICAL PROPERTIES	<table><tr><td>Finish</td><td>Flat - Semi flat</td></tr><tr><td>Color</td><td>Upon request</td></tr><tr><td>Solid by volume</td><td>58±5%</td></tr><tr><td>Specific Gravity</td><td>1.4±0.1 gr/cm3</td></tr><tr><td>Flash point</td><td>33 °c</td></tr><tr><td>Recommended D.F.T.</td><td>60-80 microns</td></tr><tr><td>Theoretical coverage</td><td>10.5-6.25 m² / Lit Practical coverage depends on loss factor</td></tr><tr><td>Touch dry</td><td>5 hrs. at 20°c</td></tr><tr><td>Full Cured</td><td>7 days. at 20°c</td></tr><tr><td>Thermal resistance</td><td>Max. 140°c (dry exposure)</td></tr></table>	Finish	Flat - Semi flat	Color	Upon request	Solid by volume	58±5%	Specific Gravity	1.4±0.1 gr/cm3	Flash point	33 °c	Recommended D.F.T.	60-80 microns	Theoretical coverage	10.5-6.25 m ² / Lit Practical coverage depends on loss factor	Touch dry	5 hrs. at 20°c	Full Cured	7 days. at 20°c	Thermal resistance	Max. 140°c (dry exposure)
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APPLICATION

Application method	Air/Airless spray, Brush, Roller
Surface temperature	10-40 °c
Mixing ratio(by weight)	6:1
Packaging(A+B)	24KG+4KG
Hardener(B)	A275-2008-50
Thinner/Cleaner	A840-0570
Recoat interval	Min 24 hrs.at 20 °c, Max 14 days. at 20 °c
Pot Life	8 hrs. at 20 °c
Application condition	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation Environment Temperature should be 10 °C min and 40 °C max and Relative humidity: 80% maximum.
Nozzle orifice	0.017"-0.021"
Nozzle pressure	150 bar/2175 psi Airless spray is indicative and subject to adjustment

SURFACE PREPRATION

The surface should be clean , dry and free from oil , grease , salt and other foreign materials and blast cleaned up to Sa 2½ for primer application and as a tie coat is required the primed surface cleaned , dry and free from any other contaminations.

SAFETY PRECAUTIONS

Detail information is given on Material Safety Data Sheet (MSDS). Avoid inhalation of spray mist or vapor. Avoid skin and eye contact. Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention. Since this product contains flammable solvents, keep away from sparks and open flames. Application and handling of this product should be in compliance with relevant national regulations.

STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations.

SHELF LIFE

12 months from date of production.

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