

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

www.kansaipaint.ir

Date of issue: June 2017

A570-1002

POLYAMIDE CURED EPOXY RED OXIDE PRIMER

GENERIC TYPE	Epoxy																						
DESCRIPTION	A570-1002 is a two component, polyamide cured epoxy primer, containing red oxide as corrosion inhibiting pigment as a primer.																						
RECOMMENDED USE	As a general purpose rust preventing primer for epoxy systems, on structural steel, pipe, tanks, oil, refineries, and power plants. Chemical process plants, for immersion and non-immersion service, applicable both as primer and tie coat over zinc ethyl silicate.																						
FEATURES	<ul style="list-style-type: none"> -Excellent rust preventing -High Chemical and water resistance -Suitable as a first coat in various paint systems -Suitable for variety of substances 																						
PHESICAL PROPERTIES	<table border="1"> <tr> <td>Finish</td> <td>Flat - Semi flat</td> </tr> <tr> <td>Color</td> <td>Red</td> </tr> <tr> <td>Solid by volume</td> <td>60±5%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.45±0.1 gr/cm3</td> </tr> <tr> <td>Flash point</td> <td>34 °c</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>60-80 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>10.83-6.87 m² / Lit</td> </tr> <tr> <td></td> <td>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	Red	Solid by volume	60±5%	Specific Gravity	1.45±0.1 gr/cm3	Flash point	34 °c	Recommended D.F.T.	60-80 microns	Theoretical coverage	10.83-6.87 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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