

Technical Data Sheet: Ref: TDS-HPC-0001-V03

www.kansaipaint.ir

Date of issue: June 2017

A570-1009

POLYAMIDE CURED ZINC RICH EPOXY PRIMER

GENERIC TYPE	Epoxy																								
DESCRIPTION	A570-1009 is a two component, polyamide cured epoxy Primer, containing zinc dust as corrosion inhibiting pigment.																								
RECOMMENDED USE	As a versatile long-life primer on steel, suitable for application on industrial structures to be exposed in severe corrosive atmosphere.																								
FEATURES	<ul style="list-style-type: none"> - Suitable as prefabrication primer - Good cutting and welding properties - Suitable as a first coat in various paint systems - Corrosion resistance in moderately to severely environment 																								
PHYSICAL PROPERTIES	<table border="0"> <tr> <td>Finish</td> <td>Matt</td> </tr> <tr> <td>Color</td> <td>Gray</td> </tr> <tr> <td>Solid by volume</td> <td>63±2%</td> </tr> <tr> <td>Specific Gravity</td> <td>2.55±0.1 gr/cm³</td> </tr> <tr> <td>Flash point</td> <td>30 °C</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>50-70 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>9-12.6 m²/Lit</td> </tr> <tr> <td></td> <td>Practical coverage depends on loss factor</td> </tr> <tr> <td>Zinc content in dry film</td> <td>75±5% by weight</td> </tr> <tr> <td>Touch dry</td> <td>2 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. 150°C (dry exposure)</td> </tr> </table>	Finish	Matt	Color	Gray	Solid by volume	63±2%	Specific Gravity	2.55±0.1 gr/cm ³	Flash point	30 °C	Recommended D.F.T.	50-70 microns	Theoretical coverage	9-12.6 m ² /Lit		Practical coverage depends on loss factor	Zinc content in dry film	75±5% by weight	Touch dry	2 hrs. at 20°C	Full Cured	7 days. at 20°C	Thermal resistance	Max. 150°C (dry exposure)
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APPLICATION

Application method	Air/Airless spray, Brush, Roller
Surface temperature	10-40 °c
Mixing ratio(by weight)	9:1
Packaging(A+B)	27KG+3KG
Hardener(B)	A275-2008-50
Thinner/Cleaner	A840-0570
Recoat interval	Min 24 hrs.at 20°C, Max 10 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	0.019"-0.021"
Nozzle pressure	150 bar/2175 psi Airless spray is indicative and subject to adjustment

SURFACE PREPARATION

The surface should be free from oil, grease, dust, and mill scale by solvent cleaning or high pressure fresh water hosing and finally sand blasting up to Sa2½ or SSPC-SP10.

SAFETY PRECAUTIONS

Detail information is given on the 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. The 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

6 months from date of production.

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