



kansai paint

Kansai Paint Iranian

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

www.kansaipaint.ir

Date of issue: June 2017

A570-1011

POLYAMIDE CURED EPOXY ZINC RICH PRIMER

GENERIC TYPE

Epoxy

DESCRIPTION

A570-1011 is a two component, polyamide cured epoxy Primer, containing zinc dust as corrosion inhabiting pigment. This coating has minimum 50% by weight zinc dust pigment which are defined by their ability to galvanic protect ferrous substrates.

RECOMMENDED USE

As a highly weather resistant film and due to its zinc content is used on steel and industrial structures to be application on industrial structures to be exposed in severe corrosive atmosphere, as well as on galvanized surfaces.

FEATURES

- 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

PHESICAL PROPERTIES

Finish	Matt
Color	Gray
Solid by volume	58±5%
Specific Gravity	1.9±0.1 gr/cm ³
Flash point	28 °c
Recommended D.F.T.	60-75 microns
Theoretical coverage	10.5-7m ² / Lit Practical coverage depends on loss factor
Zinc content in dry film	50±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)	8:1
Packaging(A+B)	24KG+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	0.017"-0.021"
Nozzle pressure	150 bar/2175 psi Airless spray is indicative and subject to adjustment

SURFACE PREPRATION

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 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

6 months from date of production.

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