



kansai paint

Kansai Paint Iranian

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

[www.kansaipaint.ir](http://www.kansaipaint.ir)

Date of issue: June 2017

## A570-1008

### POLYAMIDE CURED EPOXY ZINC RICH PRIMER

#### GENERIC TYPE

Epoxy

#### DESCRIPTION

A570-1008 is a two component, polyamide cured epoxy Primer, containing zinc dust as corrosion inhabiting 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

- 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	63±5%
Specific Gravity	3.0±0.1 gr/cm <sup>3</sup>
Flash point	29 °c
Recommended D.F.T.	50-75 microns
Theoretical coverage	13.6-7.73 m <sup>2</sup> / Lit Practical coverage depends on loss factor
Zinc content in dry film	85±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)	14:1
Packaging(A+B)	28KG+2KG
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 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

3 months from date of production.

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