



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

## A570-1013

### POLYAMINE CURED EPOXY SOLVENT FREE PRIMER

<b>GENERIC TYPE</b>	Epoxy																						
<b>DESCRIPTION</b>	A570-1013 is two component, high solids polyamine cured, epoxy primer. It has good resistance to mineral oils, fresh and salt water spillage and immersion. It has a hard and tough coating with anti-corrosive pigment and Inert Extenders.																						
<b>RECOMMENDED USE</b>	As a heavy duty and high solid coating in epoxy system used in steel exposed to chemicals and as a lining in fresh and salt water tanks and storage tanks for oils and mild chemicals. It is used as a solvent free primer in both marine and industrial environments. The abrasive resistance of this primer allows it to be used as a lining for slurries or a coating for concrete in high wear services or a coating for concrete in high wear services.																						
<b>FEATURES</b>	<ul style="list-style-type: none"><li>-Excellent Mechanical strength</li><li>-Excellent resistance to fresh and salt water</li><li>-Excellent barrier properties</li><li>-High performance coating</li><li>-Suitable as a resistant coating for splash zones such as mineral oils, chemicals sea water and immersion purposes</li><li>-Low VOC</li></ul>																						
<b>PHESICAL PROPERTIES</b>	<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>96±4%</td></tr><tr><td>Specific Gravity</td><td>1.45±0.1 gr/cm3</td></tr><tr><td>Flash point</td><td>65 °c</td></tr><tr><td>Recommended D.F.T.</td><td>200-300 microns</td></tr><tr><td>Theoretical coverage</td><td>8.1-3.66 m<sup>2</sup> / Lit Practical coverage depends on loss factor</td></tr><tr><td>Touch dry</td><td>12 hrs. at 20°c</td></tr><tr><td>Hard dry</td><td>24 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	96±4%	Specific Gravity	1.45±0.1 gr/cm3	Flash point	65 °c	Recommended D.F.T.	200-300 microns	Theoretical coverage	8.1-3.66 m <sup>2</sup> / Lit Practical coverage depends on loss factor	Touch dry	12 hrs. at 20°c	Hard dry	24 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 7 days. at 20 °c
Pot Life	2 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

12 months from date of production.

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