



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

## A570-1012

### POLYAMIDE CURED EPOXY INTERMEDIATE & PRIMER

|                            |  |        |                  |       |              |                 |       |                  |                            |             |       |                    |                |                      |  |           |                |            |                 |                    |                           |
|----------------------------|--|--------|------------------|-------|--------------|-----------------|-------|------------------|----------------------------|-------------|-------|--------------------|----------------|----------------------|--|-----------|----------------|------------|-----------------|--------------------|---------------------------|
| <b>GENERIC TYPE</b>        | Epoxy  |        |                  |       |              |                 |       |                  |                            |             |       |                    |                |                      |  |           |                |            |                 |                    |                           |
| <b>DESCRIPTION</b>         | A570-1012 is a two component, polyamine cured, epoxy primer & intermediate coat.   |        |                  |       |              |                 |       |                  |                            |             |       |                    |                |                      |  |           |                |            |                 |                    |                           |
| <b>RECOMMENDED USE</b>     | As a primer & intermediate epoxy coating with excellent chemical and mechanical properties, suitable for coating chemical products containers.   |        |                  |       |              |                 |       |                  |                            |             |       |                    |                |                      |  |           |                |            |                 |                    |                           |
| <b>FEATURES</b>            | <ul style="list-style-type: none"><li>-Excellent Mechanical strength</li><li>-High Oil resistance</li><li>-High chemical resistance against acids &amp; alkalis &amp; solvents</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>60±5%</td></tr><tr><td>Specific Gravity</td><td>1.4±0.1 gr/cm<sup>3</sup></td></tr><tr><td>Flash point</td><td>28 °c</td></tr><tr><td>Recommended D.F.T.</td><td>80-150 microns</td></tr><tr><td>Theoretical coverage</td><td>8.1-3.66 m<sup>2</sup> / Lit<br/>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 | Upon request | Solid by volume | 60±5% | Specific Gravity | 1.4±0.1 gr/cm <sup>3</sup> | Flash point | 28 °c | Recommended D.F.T. | 80-150 microns | Theoretical coverage | 8.1-3.66 m <sup>2</sup> / Lit<br>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) |
| Finish                     | Flat – Semi flat   |        |                  |       |              |                 |       |                  |                            |             |       |                    |                |                      |  |           |                |            |                 |                    |                           |
| Color                      | Upon request   |        |                  |       |              |                 |       |                  |                            |             |       |                    |                |                      |  |           |                |            |                 |                    |                           |
| Solid by volume            | 60±5%  |        |                  |       |              |                 |       |                  |                            |             |       |                    |                |                      |  |           |                |            |                 |                    |                           |
| Specific Gravity           | 1.4±0.1 gr/cm <sup>3</sup>   |        |                  |       |              |                 |       |                  |                            |             |       |                    |                |                      |  |           |                |            |                 |                    |                           |
| Flash point                | 28 °c  |        |                  |       |              |                 |       |                  |                            |             |       |                    |                |                      |  |           |                |            |                 |                    |                           |
| Recommended D.F.T.         | 80-150 microns   |        |                  |       |              |                 |       |                  |                            |             |       |                    |                |                      |  |           |                |            |                 |                    |                           |
| Theoretical coverage       | 8.1-3.66 m <sup>2</sup> / Lit<br>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 7 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<br>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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