

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

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Date of issue: June 2017

## A560-3001

### EPOXY ESTER TOP COAT

<b>GENERIC TYPE</b>	Epoxy Ester																						
<b>DESCRIPTION</b>	A560-3001 is a single pack topcoat based on air drying epoxy ester resin.																						
<b>RECOMMENDED USE</b>	As a topcoat in industrial and marine structures such as refineries, petrochemical plants, bridges, tanks and water sewage plants.																						
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>-High color retention</li> <li>-Good adhesion to previous coats</li> <li>-Toughness and durability of film</li> <li>-Resistance against corrosive environments</li> </ul>																						
<b>PHESICAL PROPERTIES</b>	<table border="0"> <tr> <td>Finish</td> <td>Semi gloss – Gloss</td> </tr> <tr> <td>Color</td> <td>Upon request</td> </tr> <tr> <td>Solid by volume</td> <td>50±5%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.2±0.1 gr/cm<sup>3</sup></td> </tr> <tr> <td>Flash point</td> <td>27 °c</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>60-80 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>9.1-5.62 m<sup>2</sup> / Lit</td> </tr> <tr> <td></td> <td>Practical coverage depends on loss factor</td> </tr> <tr> <td>Touch dry</td> <td>1 hrs. at 20°c</td> </tr> <tr> <td>Hard dry</td> <td>20 hrs. at 20°c</td> </tr> <tr> <td>Thermal resistance</td> <td>Max. 140°c (dry exposure)</td> </tr> </table>	Finish	Semi gloss – Gloss	Color	Upon request	Solid by volume	50±5%	Specific Gravity	1.2±0.1 gr/cm <sup>3</sup>	Flash point	27 °c	Recommended D.F.T.	60-80 microns	Theoretical coverage	9.1-5.62 m <sup>2</sup> / Lit		Practical coverage depends on loss factor	Touch dry	1 hrs. at 20°c	Hard dry	20 hrs. 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	Single pack
Packaging	20 KG
Thinner/Cleaner	A840-0560
Recoat interval	Min 12 hrs.at 20 °c, Max 30 days. at 20 °c
Pot Life	N/A
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

The surface must be clean and dry. Any contamination such as dirt, grease, oil, salt and any other foreign materials should be removed.

## 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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