

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

Date of issue: June 2017

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## A142-3001

### ACRYLIC FAST DRYING TOP COAT

<b>GENERIC TYPE</b>	Acrylic																						
<b>DESCRIPTION</b>	A142-3001 is a fast drying top coat based on thermoplastic acrylic resin.																						
<b>RECOMMENDED USE</b>	For use on metal & concrete surfaces and other masonry substrates where a hard, glossy and adherent finish coat is required.																						
<b>FEATURE</b>	<ul style="list-style-type: none"> <li>-Fast dry</li> <li>-Excellent spray ability</li> <li>-Excellent flexibility</li> <li>-High adhesion to different metallic surfaces</li> <li>-Good resistance to different environmental conditions</li> </ul>																						
<b>PHYSICAL PROPERTIES</b>	<table border="1"> <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>1.25±0.1 gr/cm3</td> </tr> <tr> <td>Flash point</td> <td>33 °c</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>40-60 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>13.75-7.5 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>20 min. at 20 °c</td> </tr> <tr> <td>Hard dry</td> <td>12 hrs. at 20 °c</td> </tr> <tr> <td>Thermal resistance</td> <td>Max. 120 °c (dry exposure)</td> </tr> </table>	Finish	Semi-Gloss, Gloss	Color	Upon request	Solid by volume	50±5%	Specific Gravity	1.25±0.1 gr/cm3	Flash point	33 °c	Recommended D.F.T.	40-60 microns	Theoretical coverage	13.75-7.5 m <sup>2</sup> /Lit		Practical coverage depends on loss factor	Touch dry	20 min. at 20 °c	Hard dry	12 hrs. at 20 °c	Thermal resistance	Max. 120 °c (dry exposure)
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Application method	Air/Airless spray, Brush, Roller
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## APPLICATION

Surface temperature	10-50 °c
Mixing ratio	Single pack
Packaging	20 KG
Thinner/cleaner	A840-0142
Pot Life	N/A
Recoat interval	Min 1 hrs. at 20°c Max indefinite Recoating intervals related to later conditions of exposure
Nozzle orifice	0.018"-0.021"
Nozzle pressure	150 bar/2175 psi Airless spray is indicative and subject to adjustment
Application condition	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.

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## SURFACE PREPARATION

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

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## 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.

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## 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.

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## SHELF LIFE

12 months from date of production

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