

Technical Data Sheet: Ref: TDS-HPC-0001-V04

Date of issue: March 2024

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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±2%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.25±0.1 gr/cm<sup>3</sup></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>8.33-12.50 m<sup>2</sup>/Lit</td> </tr> <tr> <td></td> <td>Practical coverage depends on the 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±2%	Specific Gravity	1.25±0.1 gr/cm <sup>3</sup>	Flash point	33 °C	Recommended D.F.T.	40-60 microns	Theoretical coverage	8.33-12.50 m <sup>2</sup> /Lit		Practical coverage depends on the 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

Application method	Air/Airless spray, Brush, Roller
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	0.015"-0.019"
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 at least 3°C above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.

## 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.

## SAFETY PRECAUTIONS

Detail information is given on the 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 comply 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 under national regulations.

## SHELF LIFE

18 months from date of production.

**DISCLAIMER:** The information given on this sheet is to the best of our knowledge and accurate at the time of issuing. Since conditions of use are beyond the manufacturer's control information contained herein is without warranty implied or otherwise and the suitability of the material for the use contemplated is the sole responsibility of the buyer. The information contained on this data sheet is subject to modification at any time due to our policy of modification and product development.