

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

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Date of issue: June 2022

## A322-3010

### ALKYD TOP COAT

<b>GENERIC TYPE</b>	Alkyd																								
<b>DESCRIPTION</b>	A322-3010 is a versatile finish coat based on alkyd enamel which forms a weather resistance coating. It is flexible and resistance to salt water and spillage of mineral oil and other aliphatic hydrocarbons.																								
<b>RECOMMENDED USE</b>	As a finishing coat on steel and woodwork exterior and interior in mild to moderately corrosive environment.																								
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>- Good gloss and color retention</li> <li>- Excellent light reflection and UV resistance</li> <li>- Excellent flexibility</li> <li>- Excellent spray ability</li> <li>- Good resistance in mildly to a moderately corrosive environment</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>53±2%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.15±0.1 gr/cm<sup>3</sup></td> </tr> <tr> <td>Flash point</td> <td>38°C</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>40-50 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>10.60-13.75 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>4-6 hrs. at 25°C</td> </tr> <tr> <td>Hard dry</td> <td>24 hrs. at 25°C</td> </tr> <tr> <td>Full Cure</td> <td>7 days at 25°C</td> </tr> <tr> <td>Thermal resistance</td> <td>Max. 90°C (dry exposure)</td> </tr> </table>	Finish	Semi-gloss , Gloss	Color	Upon Request	Solid by volume	53±2%	Specific Gravity	1.15±0.1 gr/cm <sup>3</sup>	Flash point	38°C	Recommended D.F.T.	40-50 microns	Theoretical coverage	10.60-13.75 m <sup>2</sup> /Lit		Practical coverage depends on the loss factor	Touch dry	4-6 hrs. at 25°C	Hard dry	24 hrs. at 25°C	Full Cure	7 days at 25°C	Thermal resistance	Max. 90°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	A840-0322
Recoat interval	Min 24 hrs. at 20°C Max 30 days at 20°C Recoating intervals related to later conditions of exposure
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"-0.025"
Nozzle pressure	150 bar/2175 psi Airless spray is indicative and subject to adjustment

## SURFACE PREPARATION

For new steel abrasive blasting to minimum Sa2, alternatively power tool cleaning to St-3. For maintenance remove oil and grease and any other contaminants by suitable detergent and consequently by high-pressure fresh water cleaning .Remove all rust and loose material by abrasive blasting or power-tool cleaning, dust off residues before painting.

## 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. The 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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