

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

Date of issue: June 2017

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## A322-1005

### ALKYD ZINC CHROMATE PRIMER

<b>GENERIC TYPE</b>	Alkyd																						
<b>DESCRIPTION</b>	A322-1005 is rust preventing, zinc chromate pigmented primer based on long oil alkyd resin.																						
<b>RECOMMENDED USE</b>	For use on steel structure, machine tools, bridges in mild medium atmospheric corrosive environments.																						
<b>FEATURE</b>	<ul style="list-style-type: none"> <li>-Excellent spray ability</li> <li>-Excellent rust preventing</li> <li>-Very good hardness and flexibility</li> <li>-High resistance in corrosive and humid industrial Environments</li> </ul>																						
<b>PHYSICAL PROPERTIES</b>	<table border="1"> <tr> <td>Finish</td> <td>Flat</td> </tr> <tr> <td>Color</td> <td>Upon requested</td> </tr> <tr> <td>Solid by volume</td> <td>55±5%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.45±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>60-80 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>10-6.25 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>4 hrs. at 20 °c</td> </tr> <tr> <td>Hard dry</td> <td>16 hrs. at 20 °c</td> </tr> <tr> <td>Thermal resistance</td> <td>Max. 100 °c (dry exposure)</td> </tr> </table>	Finish	Flat	Color	Upon requested	Solid by volume	55±5%	Specific Gravity	1.45±0.1 gr/cm <sup>3</sup>	Flash point	38 °c	Recommended D.F.T.	60-80 microns	Theoretical coverage	10-6.25 m <sup>2</sup> /Lit		Practical coverage depends on loss factor	Touch dry	4 hrs. at 20 °c	Hard dry	16 hrs. at 20 °c	Thermal resistance	Max. 100 °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	25 KG
Thinner/cleaner	A840-0322
Pot Life	N/A
Recoat interval	Min 8 hrs. at 20° c Max 30 days at 20° c Recoating intervals related to later conditions of exposure
Nozzle orifice	0.019"-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.

## SURFACE PREPRATION

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 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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