



kansai paint

Kansai Paint Iranian

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

www.kansaipaint.ir

Date of issue: June 2017

A903-1005

ZINC CHROMATE VINYL PRIMER

GENERIC TYPE	Vinyl																				
DESCRIPTION	A903-1005 is a physically drying primer based on polyvinyl copolymer resin pigmented with zinc chromate as corrosion preventing pigment.																				
RECOMMENDED USE	As a primer for vinyl systems on exterior of steel structures exposed in moderately to severely industrial and marine corrosive environment.																				
FEATURES	<ul style="list-style-type: none">-High corrosion resistance-High water resistance-Good flexibility																				
PHESICAL PROPERTIES	<table><tr><td>Finish</td><td>Flat - Semi flat</td></tr><tr><td>Color</td><td>Limited Color</td></tr><tr><td>Solid by volume</td><td>45±5%</td></tr><tr><td>Specific Gravity</td><td>1.35±0.1 gr/cm3</td></tr><tr><td>Flash point</td><td>25 °c</td></tr><tr><td>Recommended D.F.T.</td><td>40-60 microns</td></tr><tr><td>Theoretical coverage</td><td>12.5-6.6 m² / Lit Practical coverage depends on loss factor</td></tr><tr><td>Touch dry</td><td>2 hrs. at 20°c</td></tr><tr><td>Hard dry</td><td>24 hrs. at 20°c</td></tr><tr><td>Thermal resistance</td><td>Max. 80°c (dry exposure)</td></tr></table>	Finish	Flat - Semi flat	Color	Limited Color	Solid by volume	45±5%	Specific Gravity	1.35±0.1 gr/cm3	Flash point	25 °c	Recommended D.F.T.	40-60 microns	Theoretical coverage	12.5-6.6 m ² / Lit Practical coverage depends on loss factor	Touch dry	2 hrs. at 20°c	Hard dry	24 hrs. at 20°c	Thermal resistance	Max. 80°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	25KG
Thinner/Cleaner	A840-0903
Recoat interval	Min 24 hrs. at 20° c Max indefinite 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"-0.021"
Nozzle pressure	150 bar/2175 psi Airless spray is indicative and subject to adjustment

SURFACE PREPRATION

The surface must be clean, dry and free from rust, mill scale, salt and any other contaminants. Abrasive blasting should be done to minimum Sa 2½ (equal to SSPC-SP10) for better protection and achieve to good adhesion.

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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