

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

Date of issue: June 2017

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A322-1003

ALKYD ZINC OXIDE PRIMER

GENERIC TYPE

Alkyd

DESCRIPTION

A322-1003 is a universal raw linseed oil zinc oxide Alkyd primer according to SSPC-paint No.25.

RECOMMENDED USE

It is used as a basic primer, shop primer and maintenance primer instead of red lead and zinc chromate primers on the same areas.

FEATURE

- As a rust inhibitive
- Good weather ability property
- Very good adhesion on non-blast cleaned substrates
- Non-toxic with good wet ability of hand-cleaned surfaces

PHYSICAL PROPERTIES

Finish	Flat
Color	Upon request
Solid by volume	55±5%
Specific Gravity	1.45±0.1 gr/cm ³
Flash point	38 °c
Recommended D.F.T.	60-80 microns
Theoretical coverage	10-6.25 m ² /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 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 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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