

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

Date of issue: June 2017

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A142-1001

ACRYLIC INHIBITIVE PRIMER

GENERIC TYPE

Acrylic

DESCRIPTION

A142-1001 is a quick drying inhibitive primer based on thermoplastic acrylic resin.

RECOMMENDED USE

For use on metal & concrete surfaces and other masonry substrates where a hard, glossy and adherent finish coat is required.

FEATURE

- Water resistance
- Good spray ability
- Tough and hard texture
- High adhesion to different metallic surface
- Good resistance to different environmental conditions

PHYSICAL PROPERTIES

Finish	Flat - Semi Flat
Color	Upon request
Solid by volume	55±5%
Specific Gravity	1.35±0.1 gr/cm ³
Flash point	32 °c
Recommended D.F.T.	60-80 microns
Theoretical coverage	10-6.25 m ² /Lit
	Practical coverage depends on loss factor
Touch dry	15 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	25 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	0.018"-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

- All surfaces to be coated should be completely clean, dry and free from contamination. Surface preparation method shall be in accordance with ISO 8504: 2000.
- Remove salt and other water-soluble contaminants by fresh water.
- Remove oil and grease with suitable detergent or solvent (SSPC-SP-1).
- Remove rust, mill scale and other loose material completely by abrasive blasting (ISO 8501-1:2007 Sa 2 1/2 or SSPC SP-10).

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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