

Technical Data Sheet: Ref: TDS-HPC-0001-V04

Date of issue: March 2024

www.kansaipaint.ir

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	<ul style="list-style-type: none"> - 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±2%
	Specific Gravity	1.35±0.1 gr/cm ³
	Flash point	32 °C
	Recommended D.F.T.	50-70 microns
	Theoretical coverage	7.85-11 m ² /Lit ~ 5.81-8.14 m ² /Kg Practical coverage depends on the loss factor
	Touch dry	15 min. at 20°C
	Hard dry	12 hrs. at 20°C
	Thermal resistance	Max. 120°C (dry exposure)

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	0.015"-0.019"
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 at least 3°C 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. The surface preparation method shall be in accordance with ISO 8504: 2000.
- Remove salt and other water-soluble contaminants by freshwater.
- 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 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.

DISCLAIMER: The information given on this sheet is to the best of our knowledge and accurate at the time of issuing. Since conditions of use are beyond the manufacturer's control information contained herein is without warranty implied or otherwise and the suitability of the material for the use contemplated is the sole responsibility of the buyer. The information contained on this data sheet is subject to modification at any time due to our policy of modification and product development.