

TECHNICAL DATASHEET

LATEX SEALER – LOW VOC

PRODUCT DESCRIPTION

Latex Sealer – low VOC is a water-based primer with excellent adhesion and bonding properties even on hard to paint substrates. It impregnates porous surfaces and ensures uniform appearance of topcoats.

ENVIRONMENTAL STANDARDS & VOC REQUIREMENTS

This paint conforms to environmental standards, is free of toxic materials, solvents and has a VOC content value <1% complying with **ASTM D2369-20**

PRODUCT BENEFITS

- 1- Eco-friendly, Odorless & Non-flammable product.
- 2- High resistance to alkalinity of concrete, carbonation, detergent solution and saponification.
- 3- Excellent sealing and bonding of cement due to perfect penetration into the pores of the substrate.
- 4- Perfect adhesion allowing the humidity to pass through without peeling.
- 5- Good recoat ability
- 6- Compatible with a wide range of topcoats

RECOMMENDED USES

All interior & exterior unpainted walls and ceilings of concrete, masonry, stucco, fair faced concrete, gypsum boards, non-chalking absorbent surfaces, brick...

It could be applied on slightly damp concrete

It is Suitable for application under water-based and alkyd solvent-based putties and paints and between coats of putty filler.

SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

Alkaline and acid surfaces should be cleaned and neutralized.

Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers, paint removers or flame spraying. Non-disintegrated paints or glossy surfaces of previous coatings should be roughened slightly with sand paper to ensure good intercoat adhesion.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State Liquid
Color Range Clear, White.

Temperature 25°C
Relative Humidity 60%

Specific Gravity, ISO 2811	1.1 ± 0.05g/cm ³ (clear), 1.2 ± 0.05 g/cm ³ (white)
Viscosity, ISO 2884	20- 22 poises
pH.	8- 9
Drying Time, ASTM D5894	2-3 hours
Recoat Time	4- 6 hours
Coverage	70-80 m ² per US gallon per one coat

Chemical Properties

% Solids by Weight	22 (clear) 42 (white)
% Solids by Volume	18 (clear) 27 (white)

Very low VOC <1%

APPLYING

- Thin for brush, roller or spray application with water, up to 150% for unpainted concrete substrates.
- Thin for brush, roller or spray application with water up to 100% over putty filler.
- Apply one coat of primer sealer with a dilution up to 75% with water for concrete plaster, fair faced concrete, masonry & gypsum boards.

Clean tools and equipment with water immediately after use.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1Pail (5 U.S.G.) = 20L

STORAGE

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.