

TECHNICAL DATASHEET

VINYL MATT EMULSION - LOW VOC

PRODUCT DESCRIPTION

Vinyl Matt Emulsion – low VOC is a vinyl acrylic paint designed for interior walls and ceilings where high performance is required. It provides a decorative and protective finish.

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- Odorless, Non-toxic, & Non-flammable product
- 2- Long lasting performance
- 3- Excellent leveling and coverage
- 4- High Resistance to detergents and cleaning agents
- 5- Resistance to the alkalinity of concrete
- 6- Water resistance
- 7- Water vapor permeability
- 8- Excellent washability

RECOMMENDED USES

All interior walls and ceilings of concrete, masonry, stucco, fair faced concrete, gypsum boards, non-chalking old paints, cement plaster, tyrolean, brick ...

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.

Pores and holes must be filled with Ready Putty before priming.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State Viscous
Appearance Matte Finish
Color Range See Catalogue

Temperature 30°C
Relative Humidity 60%

Specific Gravity, ISO 2811	1.35 g/cm ³
Viscosity, ISO 2884	12- 16 poises
pH.	8- 9
Drying Time, ASTM D5894	2-4 hrs/coat
Recoat Time	After 4- 6 hours
Coverage	50- 55 m ² per US gallon per one coat

Sag Resistance, ASTM D3730	Excellent
Leveling, ASTM D2801	Excellent
Scratching Resistance, ASTM D3003	Excellent

Chemical Properties

% Solids by Weight	52 ± 2 %
% Solids by Volume	34 ± 2%
Very low VOC	<1%

PRIMING/ THINNING/ APPLYING

Apply ready putty to repair all defects and fill pores and holes before applying undercoat.

Prime the surface with one coat of sealer (with a specific dilution depending on the surface condition).

Thin Vinyl Emulsion with clean water (20 – 30% for brush/roller application). Thickness of paint film depends on condition of surface.

Apply 2-3 coats depending on the color of the product.

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.
- 1 Pail (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.