

TECHNICAL DATASHEET

SUPER VINYL MATT EMULSION– LOW VOC

PRODUCT DESCRIPTION

Super Vinyl Matt – low VOC emulsion is a vinyl acrylic paint designed for interior and exterior walls and ceilings where high performance and excellent washability are required.

It provides a flat decorative and protective finish. Environmentally friendly with very low VOC.

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- Non-toxic, Odorless & Nonflammable product.
- 2- Long lasting performance
- 3- Excellent leveling and coverage.
- 4- High Resistance to UV and various climatic conditions
- 5- Resistance to the alkalinity of concrete.
- 6- Water resistance
- 7- Water vapor permeability
- 8- Excellent washability
- 9- Very low VOC

RECOMMENDED USES

All interior and exterior walls and ceilings of concrete, masonry, stucco, fairfaced concrete, gypsum boards, non-chalking old paints, cement plaster, tyrolean or glats, brick, concrete structures and facades.

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 1.3 g/cm³
Viscosity, ISO 2884 7- 10 poises
pH. 8- 9

Drying Time, ASTM D5894 2-4 hrs/coat
Wet Film Thickness, ISO 2808 100 µm
Dry film Thickness, ISO 2808 70 µm
Recoat Time After 4- 6 hours
Coverage 50- 60 m² per US gallon per one coat
Opacity, ISO 6504-3 > 90%

Sag Resistance, ASTM D3730 Excellent
Leveling, ASTM D2801 Excellent

Scratching Resistance, ASTM D3003 Excellent (ISO 0)

Chemical Properties

% Solids by Weight	54 ± 2%
% Solids by Volume	35 ± 2%
% Binders by volume	45 %
VOC content	<1%

PRIMING/ THINNING/ APPLYING

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

Fill surface with ready putty as necessary to repair all defects before applying undercoat.

Thin Super 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 gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20L

STORAGE

1 year under normal storage conditions from the issue date.
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.