

TECHNICAL DATASHEET

ENAMEL WATERBORNE – LOW VOC

PRODUCT DESCRIPTION

Enamel waterborne is a new generation, low VOC, environmentally friendly enamel that provides an attractive, tough and durable finish for wood and concrete surfaces.

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- Very low VOC
- 2- Excellent durability
- 3- Excellent adhesion
- 4- Excellent leveling and coverage.
- 5- High Resistance to UV and various climatic conditions
- 6- High color and gloss retention
- 7- Water resistance
- 8- Excellent abrasion resistance

RECOMMENDED USES

All interior and exterior wood and concrete surfaces.

Suitable for houses, food industry, pharmaceutical industry, dairies, schools, nursing homes, hospitals, hotels...

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 (concrete) or Wood Putty (Wood) before priming.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State Viscous
Appearance Gloss, semi-gloss and matt finish
Color Range Cf. Catalogue

Specific Gravity, ISO 2811	1.2-1.3 g/cm ³
Viscosity, ISO 2884	5-10 poises
pH.	8- 9
Drying Time	2-4 hrs/coat
Recoat Time	After 4- 6 hours
Coverage	50- 60 m ² per US gallon per one coat
Opacity	> 90%
Sag Resistance	Excellent
Leveling	Excellent
Scratching Resistance	Excellent

Chemical Properties

% Solids by Weight	50 ± 2%
Very low VOC	<1%

PRIMING/ THINNING/ APPLYING

Prime the surface with one coat of sealer (with a specific dilution depending on the surface condition) or Undercoat water-based.

Thin 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 material used.