

MILANO 504

Technical Data Sheet (TDS)



Description

MILANO 504 is an acrylic copolymer based, washable interior emulsion paint with a smooth classical matt decorative finish for interior walls and ceiling. It offers excellent adhesion and recoatability with low VOC.

MILANO 504 has better hiding power, and exceptional light and water resistances. Basically, it is for masonry, brick, plastering substrate application purpose, with good alkali resistance.

Features

- Excellent hiding power
- Low odour & low VOC
- Superior whiteness
- Suitable for interior walls and ceiling

Product Data

CONSISTENCY	CREAMY
COLOUR	white, a wide range of colors is available upon request
GLOSS	MATT
PH	9 – 10
Density	1.7 ± 0.02 g/cm ³
VOLUME SOLIDS (%)	70 ± 1

Application

❖ Film thickness

Film thickness is varied and is calculated as average recommended range:

Film thickness	
Dry film thickness	45 -65 Micron
Wet film thickness	120 - 160 Micron



❖ Preparation

Ensure adequate ventilation. Before painting ensure the surface is clean, dry and free from grease, dirt, dust and other contaminants. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the walls to be below pH=9.)

New build:

- Concrete must cure completely for 28 days minimum.
- Moisture content in the surface must be below 5%.
- Minor areas can be sanded/abraded to obtain a uniform dense surface profile.

Maintenance and Repair:

- Remove dust, loose material and any other contamination.
- Surface imperfections in the substrate must be fixed/-filled before paint application.
- Use compatible cementitious repair material for major surface imperfections.
- Apply primer/sealer prior to application of filler.
- Areas with filler to be sealed with primer/sealer.

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❖ Painting

Stir thoroughly to ensure the paint is completely mixed. Apply 2 coats with a brush or roller, leave the first coat to dry for a minimum of 2 hours before applying the second coat. Do not apply in very damp conditions or extreme temperature. Seal absorbent surfaces with this product thinned with 10% water. If the surface is very absorbent use a proprietary sealer.

❖ Clean up

Remove excess paint from the brush or roller on the rim of the paint tin and then wash it with water. Store the paint with the lid firmly attached at room temperature in a well-ventilated place.

Drying Times

- ❖ Touch Dry: Dependent on temperature and humidity (30 min in average).
- ❖ Recoat: 2-3 hours.

Consumption

Theoretical consumption rate 4 - 6 m²/kg/coat. Consumption rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc. Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

Surface preparation

Ensure adequate ventilation. Before painting ensure the surface is clean, dry and free from grease, dirt, dust and other contaminants. Remove any old or flaking paint until the surface is sound.

Recommended paint system

Primer

ISO COLOUR Primer W 600: 1 coat

Packaging

MILANO 504 is supplied in drums of

- 20 kg.
- 5 kg.

Shelf life

Shelf life is up to 24 months from production date when stored as per recommendations.

Storage

Keep product in a dry, cool, well-ventilated space (between 5 to 25 o C) and away from sources of heat and ignition. Containers must be kept tightly closed & handle with care.

Health and Safety

As with all construction chemical product, caution should be always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

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