

Primer W 600

Technical Data Sheet (TDS)



Description

Primer W 600 is a high-quality water-based acrylic primer specifically developed for water-based coatings with excellent corrosion and alkali resistance, flexibility, sealing, opacity, and binding. Primer W 600 serves as a foundation for ISO COLOUR paint system to deliver high performance and improve the appearance of the paint.

Uses

Ideal as primer on exterior and interior surfaces like walls, ceilings, partitions, etc.

Features

- Excellent sealing.
- Excellent binding properties.
- Outstanding acrylic quality.
- High opacity.
- Low odor

Product Data

CONSISTENCY	Liquid
COLOUR	white
GLOSS	MATT
PH	9 – 10
Density	1.2± 0.01 g/cm ³
VOLUME SOLIDS (%)	35 ± 1

Application

❖ Film thickness per coat

Film thickness is varied and is calculated as average

Film thickness	
Dry film thickness	40 -60 Micron
Wet film thickness	100 - 140 Micron



❖ Preparation

Ensure adequate ventilation. Before painting ensure the surface is clean, dry, free from grease, dirt, dust, and other contaminants. (Recommended painting specification requires the moisture content of the walls to be below 10% 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 on 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 the 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.

❖ 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 wellventilated place.

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Recommended paint system

Primer

Primer W 600: 1 coat

Undercoat

Exterior filler 754 / Interior filler 751 / Block filler 755

Topcoat

Havana 510 / Milano 504 / Valencia 501: 2 coats

Texture 3M 763: 1 coat

Drying Times

- ❖ Surface dry: Dependent on temperature and humidity (60 min in average).
- ❖ Through dry: 2-3 hours

Consumption

The practical consumption depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting, equipment and workmanship. As a guide: 0.1 – 0.2 kg/m² at 50 micron dry film thickness.

Packaging

Primer W 600 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 oC) 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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