

Marmoran

The Architects' Choice

MARMOCOTE M100

MATT SUPER ACRYLIC COATING



PRODUCT INFORMATION

- Designed for interior or exterior use
- Moderately washable and durable
- Has excellent impact and abrasion resistance
- Superior adhesion to all suitably primed substrates
- Extremely tough and durable
- Superior resistance to dirt pickup
- Excellent weather and ultraviolet resistance
- **LOW VOC LEVEL [10 g/L]**
- Non-hazardous, non-toxic, and both environmentally and user friendly.



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B-BBEE COMPLIANT

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PRODUCT CODE AC004
SHEET

PRODUCT DATA INFORMATION

PRODUCT DESCRIPTION

Marmoran Marmocote M100 is an excellent quality matt aqueous coating based on a high performance acrylic resin of outstanding quality. Marmoran Marmocote M100 has a pleasing matt finish that is moderately washable, and durable. A particular advantage of Marmoran Marmocote M100 is its excellent obliterating properties.

FEATURES & BENEFITS

- Excellent obliterating properties
- Easy to clean
- Superior resistance to dirt pickup
- Is differentially permeable having excellent water resistance, yet allowing the coating to "breathe"
- Has exceptional UV and weather resistance
- **LOW VOC LEVEL**
- Is aqueous, therefore user and environment friendly
- All Marmoran Products are tested to National and International Standards by independent laboratories

USES

- Designed for interior or exterior use as a protective and decorative coating for a wide variety of new or previously coated surfaces that have been suitably prepared and primed. This includes cement plasters, concrete, fibre cement, ceiling boards, off shutter concrete, highly porous surfaces, gypsum.

PACKAGING

- 5 & 20 L containers.

GENERAL CONSIDERATION REGARDING APPLICATION

CLIMATIC CONDITIONS

Adequate protection should be provided against rain and sub-zero temperatures for a period of not less than 24 hours after application. The coating should never be applied during adverse weather conditions, or on wet surfaces. Even if the weather seems fit for painting, there may be condensation if the temperature of the substrate is at or below the dew point (temperature at which the atmospheric humidity condenses e.g. as dew) the product should only be applied when the temperature of the substrate is at least 2 deg C above dew point. In hot climates, the coating should be applied during the morning and late afternoon hours and if possible, away from direct sunlight. Variations in temperatures will affect drying times.

APPLICATION CRITERIA

- Please refer to our notes on **BEST PRACTICES FOR SURFACE PREPARATION**.
- **Inspect the substrate:** The plaster substrate must conform to a smooth and even finish. This can be achieved with a fine wood float or we recommend a steel float finish.
- The product must be applied in strict accordance to the Manufacturer's System and Specification.
- Adequate time should be allowed for it to cure [confirm a moisture reading of <15%: this may take from 7-21 days, depending on weather conditions] prior to the application of any specialised, semi-specialised coating or paint.

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- **Prepare the substrate** appropriately to ensure that the surface is clean, dry, sound and free of defects.
- Ensure that the **scaffold** be positioned at a comfortable distance away from the surface so that application technique is not compromised (400-600mm).
- **Sealing of expansion/control joints:** we recommend the use of sealant compatible with the specified Marmoran product, a suitable Marmoran Primer may then be applied directly over these joints.
- We strongly recommend the use **tape joints** to create paneling and so to **avoid dry joints**.
- **Batch control** it is the responsibility of the contractor to ensure colour consistency. It is recommended that sufficient material to complete the project be ordered where possible to eliminate possible colour variation. Where this is not practical, sufficient material to complete an elevation should be ordered with any excess used as the first coat on the subsequent elevation.
- **Check** spread rates, tools and patterning.
- The product is **supplied ready for use. DO NOT THIN.** Clean with water.

APPLICATION METHOD

Apply 1 even coat of the appropriate **Marmoran Primer** or self -prime and allow to cure.

Apply 2 to 3 coats of **Marmoran Marmocote M100** tinted to the required colour by spray, roller or brush as per the approved colour. Allow for drying time between coats.

Wet Film Thickness: 167-125µ per coat **Wet Film Thickness :** 53-40µ per coat

The system must be applied in strict conformance to the manufacturers' instructions.

SPECIFICATION for MARMORAN MARMOCOTE M100

NEW WORK

Prepare the substrate appropriately to ensure that the surface is clean, dry and sound and free of defects.

Inspect the substrate: The plaster substrate must conform to a smooth and even finish. This can be achieved with a fine wood float or we recommend a steel float finish. Adequate time should be allowed for it to cure [confirm a moisture reading of <15%: this may take from 7-21 days, depending on weather conditions] prior to the application.

Apply 1 even coat of the appropriate **Marmoran Primer**. Apply 2 to 3 coats of **Marmoran Marmocote M100** tinted to the required colour by spray, roller or brush as per the approved colour. Allow for drying time between coats.

WFT: 167-125µ per coat **DFT:** 53-40µ per coat

REDECORATION

Prepare the surface by removing all loose and flaking paint, dirt, grease and grime. Make good all cracks and defects and then repair and prime to match the existing surface. Proceed as for new work.

PRODUCT DATA

Composition: Acrylic Copolymer Resin Additives, Pigments, Extenders.

Solvent Type: Water

Solids: **Volume:** 32% ± 2% / **Mass:** 52% ± 2%

VOC LEVEL: **10 g/L [0.72%] white, pastel & medium colours.**

The GREEN SEAL STANDARD is 50g/L [3.8%] for flat coatings.

Drying Times @ 25 deg C, 65% RH **Surface Dry:** 1 hour, **Hard Dry:** 12 hours, **Over coating Time:** 12 hours
Higher temperatures will accelerate the drying times (± halved for every 10° C increase)

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Lower temperatures will retard the drying times (\pm doubled for every 10° C decrease)

Theoretical Spreading Rates:

6-8 m² / L / coat

This figure is indicative, and subject to applicator skill and substrate type and condition.

Actual spread rates must be determined by the Applicator.

Shelf Life and Storage:

6 - 8 Months in unopened containers.

Store in a cool dry and well- ventilated place away from excessive heat or open flame. Do not allow to freeze.

Transport:

Non- hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996)

Handling & Safety:

This product is water based and non-toxic. Keep out of reach of children. It does contain chemicals that may be irritants to mammalian tissue. Appropriate protective clothing must be worn. Protect eyes and skin from exposure. If the product is being sprayed, ensure adequate ventilation and ensure the use of proper ventilated masks. Wash spillages immediately with water. Do not induce vomiting if swallowed. Consult a physician if irritation of skin persists or if product is ingested. Gather up environmental spillages and dispose of in accordance with regulations of the local authorities.

Disclaimer:

All information contained herein is given in good faith, based on our specialised knowledge and experience. We reserve the right to effect changes to product and specification alike in the interest of product development and improving technology.