

Marmoran

The Architects' Choice

COMBED PLASTER

*AN ATTRACTIVE PLASTER COATING REPRODUCED IN EITHER
A HORIZONTAL, VERTICAL OR DIAGONAL DESIGN.*



PRODUCT INFORMATION

- Suitable for interior or exterior use on either new or previously painted walls that have been properly prepared.
- It is particularly suitable to accentuate design elements through imaginative paneling and patterning. This is particularly important when applying the product over a large area.
- Tinted to a selected colour range.
- Eco friendly, water based,
- LOW VOC LEVEL [18g/L]
- Made to order, supplied ready to use.
- Combination of steel and combed trowel application.



SA National Enquiries: 0861 627 266

www.marmoran.co.za

B-BBEE COMPLIANT

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International enquiries: +27 21 797 4250

Email: info@marmoran.co.za

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PRODUCT CODE AS034
SHEET

PRODUCT DATA INFORMATION

PRODUCT DESCRIPTION

Marmoran Combed Plaster is a tinted high build textured coating that is applied with a combed steel trowel to produce an attractive plaster.

FEATURES & BENEFITS

- Extremely tough and durable
- outstanding flexible qualities
- superior alkali resistance
- excellent weather and ultraviolet resistance
- controlled water vapour permeability enabling the substrate to "breathe"
- superior adhesion to all suitably primed substrates
- excellent impact and abrasion resistance
- rapid drying properties in both low and high temperatures
- water-based, low odour
- non-hazardous, non-toxic, environment friendly
- **LOW VOC LEVEL**

USES

- Designed for both internal and external use on suitably prepared and primed substrates. This includes cement plasters, concrete, fibre cement, ceiling boards, off shutter concrete, highly porous surfaces and gypsum.
- It is particularly suitable to accentuate design elements of a structure through imaginative paneling and the creation of contrasting bands.

COLOUR

- Available in a wide colour range

AVAILABILITY

- Made to order. Supplied ready for use. DO NOT THIN.

PACKAGING

- 8, 32 and 300kg 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.

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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.
- **Prepare the substrate** appropriately to ensure that the surface is clean, dry and sound.
- 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.**

PANEL SIZES AND JOINTING

(Please note this specification is for tape joints only and not for structural joints.)

- **Tape Joints** should ideally create panels of not larger than 20m². If panels are larger, the applicator cannot guarantee consistency in the finish as it becomes increasingly difficult to "keep a wet edge".
- **Standard tape joint specifications:** Instate tape joints in approved colour as per marked up elevations using plumb lines and a builder's level. Ensuring that all specifications are strictly adhered to. Apply 1 coat Marmoran RBP or RLP primer, followed by 2 coats of Marmoran Marmoclad pure acrylic in bands of 75mm to approved architectural layout prior to the application of the specified Marmoran topcoat.
- Allow the correct drying time, 12 to 24 hours, of the Marmoclad between coats. Ensure the second coat of Marmoclad has fully cured before covering with the masking tape.
- Apply the correct size masking tape over the cured topcoat of Marmoclad.
- Re-prime either side of the masking tape over the Marmoclad.
- Apply the finishing coat
- After one hour peel off the masking tape carefully and tidy edges

General notes:

1: Tape joints are available in standard masking tape sizes: 12mm, 18mm, 24mm, 36mm, 48mm.

2: Tape joints can be instated for aesthetics or to create a feature and to keep panels to a more manageable size. We suggest keeping panels smaller than 20m² but each product has varying properties so we suggest consulting with the Marmoran sales on a project by project bases.

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APPLICATION METHOD

Supplied ready for use. Mix gently with a flat paddle before and during application. Do not use a mechanical mixer as this could over develop the colour. Clean with water.

Please be advised that this is a particularly difficult application and we suggest making use of fine tape joints to control the size of the panels. This can then also add another dimension and create further textures.

Marmoran Combed Plaster is a Specialised Designer Product. Due to the complex nature of the application of this product, and the demand for the highest standard of application and finish, Marmoran Combed Plaster is to be applied by a Trained Marmoran Licensed Applicator only.

- **Apply** 1 even coat of the **Marmoran RBP Textured Acrylic Primer** and allow to cure for at least 12 hours.
- **Apply the Marmoran Combed Plaster as detailed below:**
This is a 2 person technique:
 - a) the first person applies and spreads the Combed Plaster in the same manner as applying cement plaster and maintains a wet coating thickness of approximately 2.5mm or a spreading rate of 2.5-3 kg/m² **(depending on the thickness of the pattern desired, use a combed trowel to gauge the thickness)**
 - b) While the Combed Plaster is still wet, the second person, using a combed trowel (with the desired groove size) gently pulls the trowel in a vertical/ horizontal or diagonal direction to create the desired pattern/grooves.
 - c) Allow the **Combed Plaster** to cure for at least 12 hours.
 - d) If necessary, sand or scrape off any excess material left by the trowel.
- Optional Topcoat: Marmoran Brushcoat, Marmoran Glaze-coat or Marmoran Metallica may then be applied depending on the desired finish.

SPECIFICATION FOR MARMORAN COMBED PLASTER

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

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 coat of Marmoran Textured Acrylic Primer. **Apply the Marmoran Combed Plaster to match the approved Marmoran Sample Panel Reference number S/_____.**

REDECORATION: Prepare by removing all loose and flaking paint, dirt, grease and grime. Spot prime exposed substrate appropriately. Proceed as for new work.

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PRODUCT DATA

Composition	Marble aggregate and additives dispersed in an Acrylic copolymer resin
Solvent Type	Water
Solids	Volume 69 ± 2% Mass 83 ± 2%
Drying Times @ 25 deg C 65% RH (see note 1)	Surface Dry 2 hours Hard Dry 12-16 hours Over coating Time 12-24 hours Higher temperatures will accelerate the drying times (approximately halved for every 10 °C increase) Lower temperatures will retard the drying times (approximately halved for every 10 °C decrease)
VOC LEVEL	
Spread rate	18g/L [1%] - white, pastel & medium colours The International GREEN SEAL STANDARD is 150g/L [11.5%] for non-flat coatings. 2.5-3.0 kg /m ² [using a 6mm combed/notch trowel]

TRANSPORT This product is 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.