

Marmoran

The Architects' Choice

KRAALPLAST

DESIGNER COLLECTION
A DECORATIVE ACRYLIC PLASTER FOR A NATURAL ROCK
LOOK FINISH



PRODUCT INFORMATION



- Suitable for interior or exterior use on either new or previously painted walls that have been properly prepared.
- Applied to a coating thickness of 2-4mm throughout.
- Tinted to a wide colour range.
- May be sealed with a glaze to further enhance and protect.
- Eco friendly, water based, LOW VOC LEVEL [19g/L]
- Made to order, supplied ready to use.
- Application: combination of trowel, spatula and brush application.



SA National Enquiries: 0861 627 266

www.marmoran.co.za

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PRODUCT CODE AS037

PRODUCT DATA
INFORMATION SHEET

PRODUCT DESCRIPTION

Marmoran Kraalplast is a high build coating containing graded aggregate that gives a natural rock look finish. This decorative plaster provides a seamless finish to a thickness of 2-4mm.

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.

COLOUR

- Available in a wide colour range

AVAILABILITY

- Made to order

PACKAGING

- 8, 32 and 300 kg containers.

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**.

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- **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.**

NB: Cracks could appear if the Marmoran Kraalplast is applied too thick. The cracks can be filled by reducing the Rockplast with clean water to a slurry. This is then applied by feathering to the affected area.

Marmoran Kraalplast 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 Kraalplast is to be applied by a Marmoran Trained Applicator only. A Marmoran Technical Advisor should be consulted on any matter regarding the use and or application of this product.

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

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

Apply 1 coat of **Marmoran RBP Primer** and allow to cure. Apply the **Marmoran Kraalplast** with a steel trowel to approximately 3mm thickness, pattern with a trowel or spatula to obtain a rock like finish [raised and indented appearance]. Texture by finishing off with a dry bristle brush.

Optional Seal: When the coating has fully cured seal by applying 1 or 2 coats of Marmoran Universal Glaze (Exterior) or Marmoran Supaglaze (Interior).

Allow for drying time between coats. Refer to the TDS of the selected **Glazecoat**

SPECIFICATION FOR MARMORAN KRAALPLAST

NEW WORK & REDECORATION

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 RBP Acrylic Primer. Apply Marmoran Kraalplast as per manufacturer's instructions.

Seal with a Marmoran Glaze coat if required.

PRODUCT DATA

Composition Inert Pigments, Fillers and additives dispersed in a Pure Acrylic Resin.

Solvent Type Water

Solids **Volume** 68% ± 2% **Mass** 82% ± 2%

VOC LEVEL 19g/L [1.01%] white, pastel & medium colours.

The GREEN SEAL STANDARD is 150g/L [11.5%] for non-flat coatings.

Drying Times **Surface Dry:** 2 hours **Hard Dry:** 12 hours. **Over coating Time:** 12 hours

@ 25 deg C, Higher temperatures will accelerate the drying times (±halved for every 10 ° C increase)

65% RH Lower temperatures will retard the drying times (± doubled for every 10 °C decrease)

Theoretical 3 to 5 kg / m² at a thickness of ± 1.0mm

Spread rate 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 & 6 - 8 Months in unopened containers. Store in a cool dry and well ventilated place away from excessive heat or an open flame.

Storage 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.

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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.