

Marmoran

The Architects' Choice

MARMOGUARD

A FINELY TEXTURED ACRYLIC COATING



PRODUCT INFORMATION

- extremely tough and durable
- 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 and user friendly
- LOW VOC LEVELS - 19 g/L



MARMORAN GUARANTEE

MARMORAN 5 YEAR PRODUCT GUARANTEE is issued on condition that the system is applied by a Marmoran Licensed Applicator in strict accordance to the full specification and is accepted and signed by the relevant parties. Due to the demand for the highest standard of application and finish, it must be applied by a trained applicator that is skilled and experienced.

SA National Enquiries: 0861 627 266

www.marmoran.co.za

B-BBEE COMPLIANT

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Email: info@marmoran.co.za

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PRODUCT CODE AC005

PRODUCT DATA INFORMATION SHEET

PRODUCT DESCRIPTION

Marmoran Marmoguard is tough, resilient, and provides a long lasting weatherproof finish.

TESTED TO NATIONAL & INTERNATIONAL STANDARDS BY THREE INDEPENDENT LABORATORIES.

TEST STANDARDS

ASTM D4828	Easily cleaned up to 10,000 scrubs without exhibiting wear or signs or loss of adhesion
CGRI/R+H	Superior quality pure acrylic resin ensures resistance to dirt pickup
ASTM 4060	Tough & durable with high resistance to abrasion & scuffing
ASTM G53	UV resistant to prevent excessive chalking, colour change, flaking or peeling
ISO 1519	Exhibits outstanding flexible qualities, yet hard and durable to withstand the stresses of natural expansion and contraction of the substrate
ASTM E96	Controlled water vapour permeability allows the walls to "breathe" to maintain resistance to water ingress and prevent spalling, delamination, algae and dirt retention
ISO 2409	Superior adhesion to all suitably primed substrates
SABS 170	Excellent resistance to alkali salts to prevent coating delamination and adhesion
SABS 1586	Ability to withstand high temperatures with no signs of delamination, blistering or loss of adhesion
SABS 146	Excellent impact resistance and tensile strength
ISO 12040	Exceptional weathering, water repellency and ultraviolet resistant properties

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. This includes cement plasters, concrete, fibre cement, ceiling boards, off shutter concrete, highly porous surfaces, gypsum.
- Suitable for covering hairline cracks.

COLOUR

- Available in a wide colour range.

AVAILABILITY

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

PACKAGING

- 5, 20 and 200 L
-

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.**

APPLICATION METHOD

- Supplied ready for use. Mix gently with a flat paddle before and during application. Do not use a mechanical mixer. Do not thin.
- Applied by brush or conventional roller. Clean with water
- **If necessary apply** 1 even coat of the appropriate **Marmoran Primer** and allow to cure.
- **Apply 2 to 3 coats Marmoguard** to match the Approved colour.
Wet Film Thickness: 250-167µ per coat **Dry Film Thickness:** 108-72µ per coat

SPECIFICATION FOR MARMORAN MARMOGUARD

NEW WORK

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 even coat of the appropriate **Marmoran Primer**.

Apply 2 to 3 coats of **Marmoran Marmoguard** to match the approved colour and pattern of **Marmoran Sample Panel**

Reference Number: S/_____

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.

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PRODUCT DATA

Composition	Inert pigments, Fillers & Special Additives dispersed in a fine particle size pure Acrylic Resin.
Solvent Type	Water
Solids	Volume 43% ± 2% % Mass 63% ± 2%
Drying Times @ 25 deg C, 65% RH	Surface Dry: 2 hours Hard Dry: 12-16 hours Over coating Time: 6 hours Higher temperatures will accelerate the drying times (±halved for every 10 °C increase) Lower temperatures will retard the drying times (±halved for every 10 °C decrease)
Theoretical Spread rate	4-6m ² / 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. Apply two or three coats to new surfaces so as to achieve complete obliteration
VOC LEVELS	19 g/L 1.25% The International GREEN SEAL STANDARD is 150g/L [11.5%] for non-flat coatings.
Shelf Life & Storage	6 - 8 Months in unopened containers. Store in a cool dry and well ventilated place away from excessive heat or an open flame. Do not allow to freeze.
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 the skin persists or if product is ingested. Gather up environmental spillages and dispose of in accordance with regulations of 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.