

## HIGH BUILD TEXTURED GRANITE COATING



### PRODUCT INFORMATION

- Suitable for interior or exterior use on either new or previously painted walls that have been properly prepared.
- Available in a wide variety of natural or tinted aggregates.
- Accentuate design elements through imaginative paneling and the creation of contrasting bands.
- May be sealed with a glaze to further enhance and protect.
- Eco friendly, water based, LOW VOC LEVEL [4g/L]
- Made to order, supplied ready to use.
- Spray applied.



### UNIQUE INTERNATIONAL GUARANTEE

MARMORAN 10 YEAR INTERNATIONAL GUARANTEE UNDERWRITTEN BY A THIRD PARTY is issued on condition that the system is applied by a Marmoran Licenced 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.

PRODUCT CODE AS030

PRODUCT DATA INFORMATION SHEET

#### PRODUCT DESCRIPTION

Marmoran Carrara Granostone is water based high build granite coating based on carefully selected coloured aggregate bound in a proprietary Marmoran New Generation Polymeric Binder. When spray applied correctly, it simulates a natural granite finish. It may be applied as a single or multiple colour system application with a wide variety of colour and texture possibilities. A Marmoran Glaze further enhances its properties and appearance.

#### TESTED TO NATIONAL & INTERNATIONAL STANDARDS BY THREE INDEPENDENT LABORATORIES

##### TEST STANDARDS

<b>ASTM D4828</b>	Easily cleaned up to 10,000 scrubs without exhibiting wear or signs or loss of adhesion
<b>CGRI/R+H</b>	Superior quality pure acrylic resin ensures resistance to dirt pickup
<b>ASTM 4060</b>	Tough & durable with high resistance to abrasion & scuffing
<b>ASTM G53</b>	UV resistant to prevent excessive chalking, colour change, flaking or peeling
<b>ISO 1519</b>	Exhibits outstanding flexible qualities, yet hard and durable to withstand the stresses of natural expansion and contraction of the substrate
<b>ASTM E96</b>	Controlled water vapour permeability allows the walls to “breathe” to maintain resistance to water ingress and prevent spalling, delamination, algae and dirt retention
<b>ISO 2409</b>	Superior adhesion to all suitably primed substrates
<b>SABS 170</b>	Excellent resistance to alkali salts to prevent coating delamination and adhesion
<b>SABS 1586</b>	Ability to withstand high temperatures with no signs of delamination, blistering or loss of adhesion
<b>SABS 146</b>	Excellent impact resistance and tensile strength
<b>ISO 12040</b>	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 and primed. This includes cement plasters, concrete, fibre cement, ceiling boards, off shutter concrete, highly porous surfaces, gypsum, timber and steel.

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 variety of both natural and tinted aggregate.

##### PACKAGING

- 8 and 32kg containers.

#### GENERAL CONSIDERATION REGARDING APPLICATION

**SITE SURVEY REPORTS** Site Survey Reports and Records are to be completed prior to product application, during the application and on completion of the project so that the relevant documentation is available for processing the Guarantee.

**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, 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

- The product must be applied in strict accordance to the Manufacturer's System and Specification.
- Please refer to our notes on **BEST PRACTICES FOR SURFACE PREPARATION**.
- **Inspect the substrate** The plaster should be a fine wood float finish and adequate time should be allowed for it to cure prior to the application of any specialised, semi-specialised coating or paint. [Use a moisture metre to confirm a reading of <15%, this may take from 7-21 days, depending on weather conditions]
- **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, this is particularly important when applying the product over a large area**.
- **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 & patterning.
- Supplied **ready for use**, do not thin. **Clean with water**

#### APPLICATION METHOD

Supplied ready for use but may be thinned down up to 1.5% with water (100 ml per 8 kg or 450 ml per 32 kg of product) Mix gently with a flat paddle before and during application, store the unopened containers up sided down and gently rotate before opening. Do not use a mechanical mixer as this will break down the aggregate. Apply with a Marmoran Hopper Gun.

- **Apply** 1 even coat of the appropriate **Marmoran Primer** and allow to cure. We recommend the use of a primer such as Marmoran Universal Primer where the substrate is non porous or dense (i.e. off shutter concrete) followed either by Marmoran RBP Textured Acrylic Primer or Marmoran RLP Textured Acrylic Primer where there is a distinct colour difference between the Marmoran Carrara Granostone Spray and the surface to be coated.
- Set the pressure at 3-5 bars and adjust the orifice on the Marmoran Hopper Spray Gun to No 2 Nozzle (6 mm diameter) Apply Marmoran Carrara Granostone at a spread rate of 2.5-3.0 kg/m (this is done in 2 fine coats) as per the colour and texture as specified.
- **Optional:** if required apply a **Marmoran Glaze Coat** [Marmoran Universal Glaze (Exterior) or Marmoran

Supaglaze (Interior)] to seal and protect the coating. Crosshatch to achieve complete obliteration. Allow for drying time between coats. For further information please refer to the relevant Technical Data Sheet.

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

#### SPECIFICATION for MARMORAN CARRARA GRANOSTONE SYSTEM

##### NEW WORK

**Inspect** the substrate, the plaster should be a fine wood float finish and adequate time should be allowed for it to cure 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. **Apply even coat** of the appropriate **Marmoran Primer**. **Apply** the **Marmoran Carrara Granostone** [ASTM E96 Compliant: Controlled Water Vapour Permeability] to match the approved colour and pattern of **Marmoran Sample Reference Number: S/\_\_\_\_\_**. **If required** apply an even coating of **Marmoran Glaze**.

**This Marmoran Coating System Has 10 Year International Guarantee Underwritten By A Third Party.** It is issued on condition that it has been applied by a Marmoran Licenced 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

##### REDECORATION

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

##### PRODUCT DATA

**Composition** Pure Acrylic Co polymer Resin, additives & marble aggregate

**Solvent Type** Water

**VOC LEVEL** 4g/L 0.22%

**Solids** **Volume** 64% ± 2% **Mass** 80% ± 2%

**Drying Times** **Surface Dry:** 4 hours **Hard Dry:** 24 hours **Over coating Time:** 12 hours

@ 25 deg C, 65% RH Higher temperatures will accelerate the drying times (approximately halved for every 10 deg C increase)

Lower temperatures will retard the drying times (approximately doubled for every 10 deg C decrease)

**Theoretical** 2.5-3.0 kg / m<sup>2</sup>

**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 & 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 skin persists or if the 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.