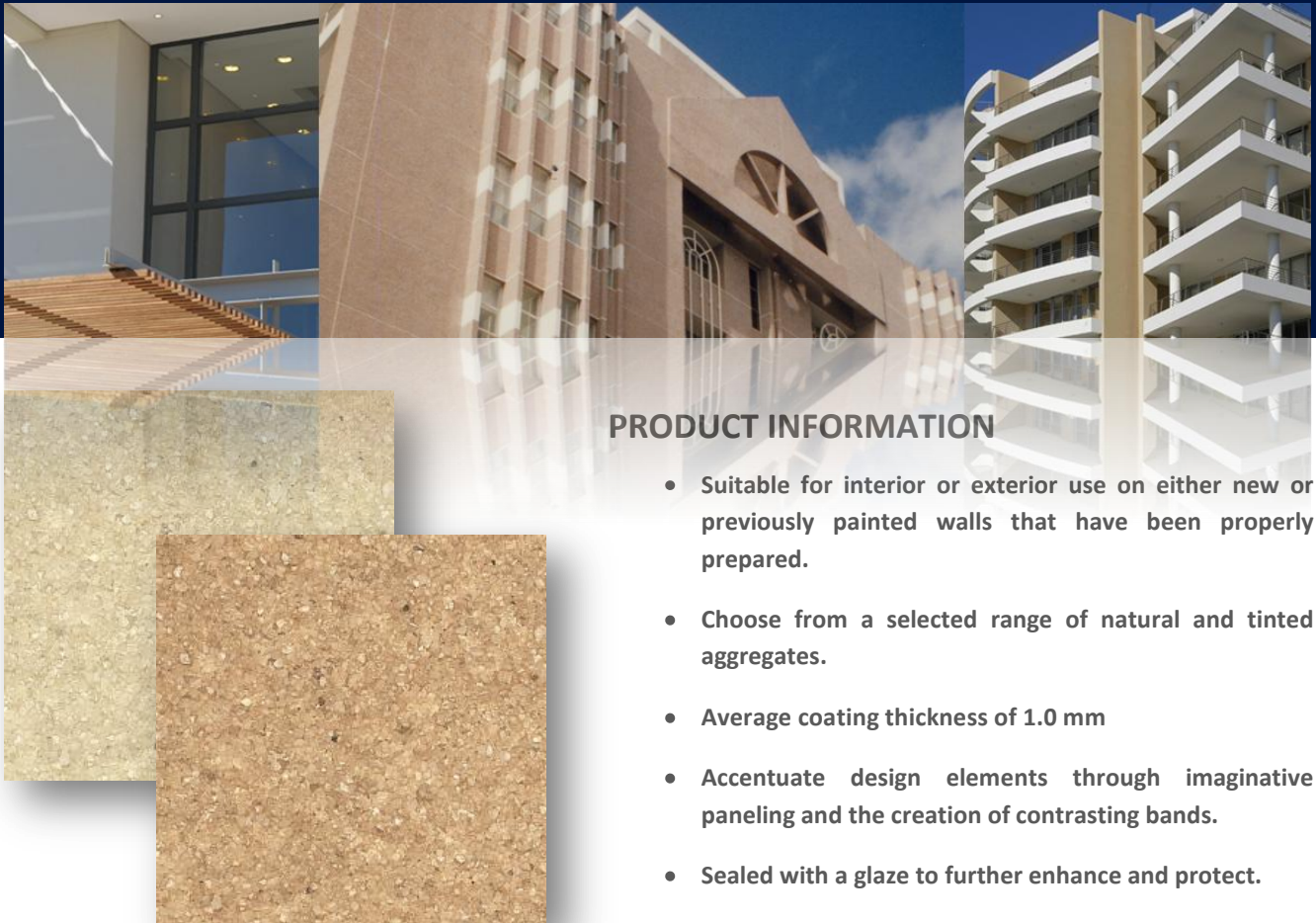
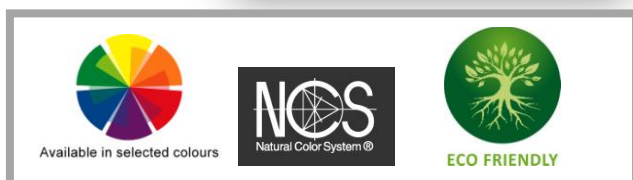


**AN ATTRACTIVE COATING COMPRISING OF NATURAL AND
TINTED QUARTZ
THAT CREATES A CHIC FINE FINISH**



PRODUCT INFORMATION

- Suitable for interior or exterior use on either new or previously painted walls that have been properly prepared.
- Choose from a selected range of natural and tinted aggregates.
- Average coating thickness of 1.0 mm
- Accentuate design elements through imaginative paneling and the creation of contrasting bands.
- Sealed with a glaze to further enhance and protect.
- Eco friendly, water based, LOW VOC LEVEL [25g/L]
- Made to order, supplied ready to use.
- Roller and spray application.



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 AS021

PRODUCT DATA INFORMATION SHEET

PRODUCT DESCRIPTION

Marmoran Sandstone Coating System provides seamless sand or granular finish which while aesthetically pleasing, also offers superior protection of the substrate. The finish is a premium quality coating system incorporating finely coloured sands or marble quartz aggregate embedded in a roller applied basecoat. The basecoat is formulated using a novel acrylic resin of outstanding performance characteristics. Marmoran Sandstone Coating System is applied at an average coating thickness of 1.0 mm, and over coated with a Marmoran Glaze.

TESTED TO NATIONAL & INTERNATIONAL STANDARDS BY THREE INDEPENDENT LABORATORIES

TEST STANDARDS

SABS 1586:2007

- Controlled water vapour permeability allows the walls to “breathe” to maintain resistance to water ingress and prevent spalling, delamination, algae and dirt retention.
- Exceptional weathering, water repellency and ultraviolet resistant properties
- Ability to withstand high temperatures with no signs of delamination, blistering or loss of adhesion

SANS 5175 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

ISO 2409 Superior adhesion to all suitably primed substrates

SABS 5146 Excellent impact resistance and tensile strength

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 and gypsum.
- This particularly suitable to accentuate design elements of a structure through imaginative paneling and the creation of contrasting bands

COLOUR

- Available in a selected colour range of natural and tinted aggregates.

AVAILABILITY

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

PACKAGING

- Basecoat supplied in 6, 25 & 250 kg containers
- Aggregate supplied in 40 & 300 kg bags & drums

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 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 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

- 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.
- The background plaster is **supplied ready for use**. DO NOT THIN.
- **Check** spread rates, tools & patterning.

APPLICATION METHOD

- **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 by Marmoran RBP Textured Acrylic Primer.
- Apply the **Marmoran Sandstone Basecoat** and **Aggregate** to match the Approved colour & pattern of Marmoran Sample Panel as detailed below:

It is recommended that three Applicators work together on the same area;

- the first applicator spreads the material evenly by **crosshatching with a lamb's wool roller and while wet**,
- the second applicator **applies the next coat** using a **saturated stipple roller**, first **crosshatching** and then rolling to obtain the **stipple finish and while wet**,
- the third applicator sprays in the **Marmoran Sandstone Aggregate** using a Marmoran Aggregate Hopper gun

Once cured an optional seal may be applied to protect the coating:

Apply 1 or 2 coats of **Marmoran Universal Glaze** OR Apply 1 or 2 coats of **Marmoran Supaglaze**

Always crosshatch so as to achieve obliteration, allow for drying time between coats.

SPECIFICATION for MARMORAN SANDSTONE 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 application of any specialised, semi-specialised coating or paint. **Prepare** the substrate appropriately to ensure that the surface is clean, dry and sound.

Apply 1 even coat of the appropriate **Marmoran Primer**. **Apply the Marmoran Sandstone [SABS 1586:2007**

Compliant: Controlled Water Vapour Permeability] as per Marmoran's recommended application method to match the approved colour & pattern of **Marmoran Sample Panel 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 and then repair and prime to match the existing surface. Proceed as for new work.

PRODUCT DATA BASECOAT

Composition	Inert Pigments, Marble Aggregate & Fillers dispersed in a Pure Acrylic Resin
Solvent Type	Water
Solids	Volume 40% ± 2% Solids 56% ± 2%
VOC LEVELS	25g/L 1.87%
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	Basecoat 1.5 – 2.0 Kg/m ² Aggregate 2.0 Kg/m ²
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 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.