

Marmoran

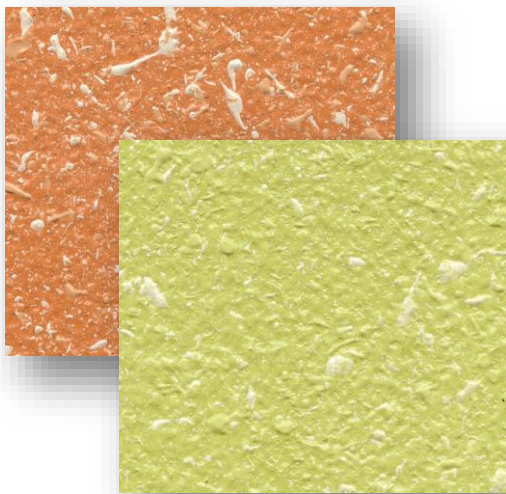
The Architects' Choice

POLYSPLATTER

*A HIGH BUILD VELVET STIPPLE LOW RELIEF COATING
DURABLE MULTI COLOURED TEXTURED COATING*



PRODUCT INFORMATION



- Suitable for interior or exterior use as a protective & decorative coating on either new or previously painted walls that have been properly prepared.
- High build effectively hides surface imperfections.
- Easily cleaned, and is ideally suited for corridors, passages, stairwells, exterior facades etc.
- Tinted to a wide colour range. An exciting array of colours can be obtained by layering contrasting and / or complimentary flecks.
- Eco friendly, water based, LOW VOC LEVEL [18g]
- Made to order, supplied ready to use.



MARMORAN GUARANTEE

MARMORAN 10 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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International enquiries: +27 21 797 4250
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PRODUCT CODE AS019

PRODUCT DATA INFORMATION SHEET

PRODUCT DESCRIPTION

Marmoran Polysplatter coating is an extremely durable superior quality low relief coating based on a proprietary acrylic polymer. This high build multi coloured finish is easily cleaned, and ideally suited for corridors, passages, stairwells, exterior facades etc. A particular advantage of Marmoran Polysplatter is that it hides surface imperfections due to its high build stipple finish. Marmoran Polysplatter may also be over coated with Marmoran Glaze coat to render the coating more washable. An exciting array of colours can be obtained by layering contrasting and / or complimentary flecks.

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
SABS 1227	Crack bridging properties to span cracks of less than 1 mm

USES

- Designed for interior and exterior use as a decorative and protective coating over a wide range of substrates and coating systems. This includes cement plasters, concrete, fibre cement, ceiling boards, off shutter concrete, highly porous surfaces and gypsum.

AVAILABILITY

- Made to order. Supplied ready for use. DO NOT THIN.
- Basecoat and Fleck coat are packed in 5 and 20 L 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 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.

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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. Marmoran Polysplatter Finish is achieved by the application of Polysplatter Basecoat by roller. Contrasting and or Complimentary colours of Polysplatter Fleck coat is sprayed on using a Spatter Spray gun. Depending on the spray pressures used flecks may take the shape of discrete dots or tails.

- **Apply** 1 even coat of the appropriate **Marmoran Primer** and allow to cure. We recommend the use of Marmoran Universal Primer where the substrate is non porous or dense followed by Marmoran Acrylic Primer.
- **Apply** 1 coat of Marmoran Polysplatter Basecoat to required colour with a stipple roller, first **crosshatching** and then rolling in an **upward direction** to obtain the **stipple finish**.
- Allow to cure and then spray apply the Polysplatter Fleck coat(s) to the approved colour and pattern required.
Spread rate:-Basecoat: 1.5 - 2m² / L / coat **Fleck:** ± 5% Fleck of total m² @ 1.5-2m² / litre
- **Recommended:** Once the coating has cured **apply** 1 or 2 coats of **Marmoran Universal Glaze [Int & Ext]** OR **Marmoran Supaglaze [Int]** to seal and protect the coating. Crosshatch so as to achieve obliteration, allow for drying time between coats. **Refer to details in the relevant TDS of the selected Glaze**

SPECIFICATION FOR MARMORAN POLYSPLATTER SYSTEM 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 the Marmoran Polysplatter [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/_____**. **Apply** an even coating of **Marmoran Glaze**. **This Marmoran Coating System Has A 10 Year International Guarantee Underwritten By A Third Party.** It is issued on condition that it has been 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.

PRODUCT DATA

Composition	Inert Pigments, Fillers and special additives dispersed in an acrylic co polymer resin.
Solvent Type	Water
Solids	40 % Volume 55% Mass
VOC LEVEL	18g/L [1.32 %] white, pastel & medium colours. The GREEN SEAL STANDARD is 150g/L [11.5%] for non-flat coatings.
Drying Times @ 25 deg C, 65% RH	Surface Dry: 2 hours Hard Dry: 12-16 hours Over coating: 24hours Higher temperatures will accelerate the drying times (± halved for every 10 °C increase) Lower temperatures will retard the drying times (± doubled for every 10 °C decrease)
Theoretical Spread rate	Basecoat: 1.5 - 2m ² / L / coat Fleck: ± 5% Fleck of total m ² @ 1.5-2m ² / litre This figure is indicative, and subject to applicator skill and substrate type and condition. Actual spread rates must be determined by the Applicator.

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Shelf life & Storage Transport

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. 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.