

Marmoran

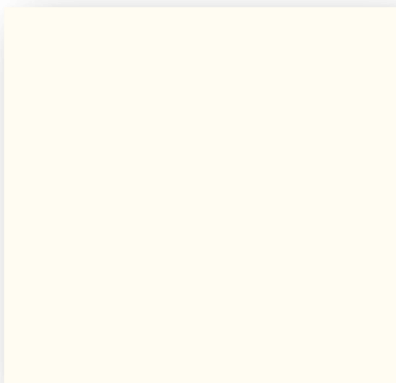
The Architects' Choice

GP WATERPROOFING WITHOUT FIBRE

HIGH BUILD WATERPROOFING COATING



PRODUCT INFORMATION



- Excellent flexibility and elongation at break
- Has excellent abrasion resistance
- Is differentially permeable, having excellent water resistance, yet allowing the coating to "breathe"
- Has exceptional UV and weather resistance
- **VOC LEVEL 5g/L**
- Non- hazardous, non- toxic, and both environmentally and user friendly.



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
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PRODUCT CODE AC006

PRODUCT DATA INFORMATION SHEET

PRODUCT DESCRIPTION

Marmoran GP Waterproofing Without Fibre is a superior waterproofing coating of outstanding quality and versatility and is based on a high performance pure Acrylic Resin. GP Waterproofing Without Fibre may be used to waterproof external walls, or in conjunction with a stitched polyester membrane for the waterproofing of flat roofs and flashing. A particular advantage of GP Waterproofing Without Fibre is its flexibility and elongation properties making it effective in bridging hairline cracks.

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 1227 | Crack bridging properties to span cracks of less than 1 mm |
| 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 exterior use as a waterproofing and protective coating over a wide range of substrates and coating systems. The high level of binder in the coating system enhances its hairline crack bridging properties.

COLOURS

- Available in a wide colour range

PACKAGING

- 5, 20 and 200 Litre containers.

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

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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

- 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.
- **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).
- **Expansion/control joints** should be sealed before painting and should be finished with a compound which will accept water- based finishing products. A suitable Marmoran Primer may then be applied directly over these 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.
- The product is supplied ready for use. **DO NOT THIN**. Mix gently with a flat paddle before and during application. Clean with water.
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APPLICATION METHOD **(without membrane)**

- This product is self - priming.
- Apply 2 coats of **Marmoran GP Waterproofing Without Fibre** tinted to the required colour by spray, roller or brush as per the approved colour at a spread rate of 4-5 m² / L / coat.
- Allow for drying time between coats.
- **Wet Film Thickness:** 250-200µ per coat **Dry Film Thickness:** 110-88µ per coat

APPLICATION METHOD with membrane to Waterproof Flashing Details:

- Apply 1 coat Masonry Primer.
- Apply a **BASE COAT** of Marmoran GP Waterproofing Without Fibre as supplied at a spread rate of 1 m² / L
- Bed the Marmoran GP Waterproofing Without Fibre membrane lightly into the wet coating and then apply a **SATURATION COAT** at a spread rate of 2 m²/L.
- It is preferable to work in 1 metre lengths by the width of the membrane. If the membrane becomes saturated with rain, allow to dry out completely before proceeding further.
- Apply a **FINISHING COAT** of Marmoran GP Waterproofing Without Fibre to complete the system at a spread rate of 4m² /L

SPECIFICATION

Prepare the substrate appropriately.

If required, apply 1 even coat of the appropriate Marmoran Primer.

Apply the Marmoran GP WATERPROOFING WITHOUT FIBRE as per the manufacturer's instructions.

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PRODUCT DATA

| | |
|---|---|
| Composition: | Pure Acrylic Copolymer Resin Additives, Pigments, Extenders |
| Solvent Type: | Water |
| %Volume Solids: | 44% ± 2% |
| % Mass Solids: | 57% ± 2% |
| VOC LEVEL: | 5g/L [0.4%] |
| Drying Times @ 25 deg C, 65% RH (see note 1): | 2 hours |
| Surface Dry: | 6-12 hours |
| Hard Dry: | 12-24 hours |
| Over coating Time | |

Theoretical Spreading Rates (see note 2)

1. Without Membrane

| |
|--|
| 4-5 m ² / L / coat |
| Wet Film Thickness: 250-200µ per coat |
| Dry Film Thickness: 110-88µ per coat |

2. With Membrane

| | |
|-----------------|--------------------------|
| Base Coat: | 1 m ² / litre |
| Saturation Coat | 2 m ² / litre |
| Finishing Coat | 4 m ² / litre |

| | |
|-------------------------|--|
| Shelf Life and Storage: | 6 - 8 Months in unopened containers. Store in a cool dry and well-ventilated place away from excessive heat or open flame. Do not allow to freeze. |
|-------------------------|--|

(Note 1): 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)

(Note 2): This figure is indicative, and subject to applicator skill and substrate type and condition.

Actual spread rates must therefore be determined by the Applicator.

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:

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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.