

# Marmoran

The Architects' Choice

**ANTI-  
GRAFFITI**

SB

*2K SOLVENT BASED POLYURETHANE COATING*



## PRODUCT INFORMATION

### FEATURES & BENEFITS

- Designed for interior and exterior use on suitably prepared and primed substrates such as steel, plaster, wood and composites.
- Gloss & Satin finish
- Excellent durability, hardness, mar and abrasion resistance
- Easy to clean with Anti-graffiti cleaning solvent.
- Is totally non permeable and has excellent water resistance



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[www.marmoran.co.za](http://www.marmoran.co.za)

**B-BBEE COMPLIANT**

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## ANTI-GRAFFITI

PRODUCT CODE AGP001

PRODUCT DATA INFORMATION SHEET

### PRODUCT DESCRIPTION

Marmoran Anti-Graffiti Topcoat is a two component solvent borne polyurethane coating for interior and exterior use that is impervious to almost all the commonly used graffiti methods. Anti-Graffiti paint is intended to be used on interior or exterior correctly prepared and primed cement or concrete surface where graffiti removal is required with the use of Marmoran Anti-graffiti Cleaning Solvent.

### FEATURES & BENEFITS

1. Easy graffiti removal with Marmoran Anti-graffiti Cleaning Solvent.
2. UV resistant, can be used as an exterior coating.
3. Abrasion resistant, outperforms conventional decorative coatings.
4. Water resistant
5. Chemical resistant - withstands diluted acids, alkalis and normal solvents.
6. Permanent solution for combating graffiti.

**COLOURS:** Available in a Clear Gloss, Clear Satin and limited tinted colours

**PACKAGING:** Supplied in 1 and 5 Litre 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.

#### SURFACE PREPARATION and SPECIFICATION

Surfaces must be sound, clean, free from grease/releasing agents and dry with moisture contents of 7% or below before painting. Plaster sand to comply with SABS 1090 requirements.

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### NEW WORK:

1. Unpainted concrete: Prime with 1 coat Marmoran Anti-Graffiti Primer, once the moisture level is below 15%.  
Only overcoat with Marmoran Anti-Graffiti Top Coat once the moisture is below 8%
2. Unpainted plaster: Prime with 1 coat Marmoran Anti-Graffiti Primer, once the moisture level is below 15%.  
Only overcoat with Marmoran Anti-Graffiti Top Coat once the moisture is below 8%
3. Steel: One coat Marmoran Paints Etch primer and allow 48 hours before over coating.
4. Unpainted concrete: Prime with 1 coat Marmoran Anti-Graffiti Primer, once the moisture level is below 15%.  
Only overcoat with Marmoran Anti-Graffiti Top Coat once the moisture is below 8%

### REDECORATION WORK:

1. Acrylic coatings: Strip down and treat as new work or on sound painted surfaces: Marmoran 2-Pack Epoxy can be used as a barrier/primer coat.
2. Enamel coatings: Strip down and treat as new work or on sound painted surfaces: Marmoran 2-Pack Epoxy can be used as a barrier/primer coat.
3. Epoxy coatings: Strip down and treat as new work or on sound painted surfaces: Marmoran 2-Pack Epoxy can be used as a barrier/primer coat.
4. In poor condition: Strip down and treat as new work
5. Anti-Graffiti Coating: In good condition, abrade to matt finish, remove dust and apply directly.

### APPLICATION METHOD

**3 Parts base to 1 Part hardener by volume. Mix the base and hardener separately with flat paddle for 3 minutes, before adding the hardener to the base. Mix the base and the hardener well together until a homogeneous mixture is obtained. For clear Anti-Graffiti coating, mix the base and the hardener until a clear homogeneous mixture is obtained.**

**Allow the mixture of base with hardener to stand for 15 minutes before use.**

- Method:** Brush, Mohair roller, depending on the roughness of the substrate. Spray -12/10 tip.
- Thinning:** Roller, Brush ready to use. Spray 20% Maximum with Marmoran Anti-Graffiti Thinners.
- Cleaning:** Marmoran Anti-Graffiti Solvent.
- Conditions:** Temperature between 10°C and 40°C. **Do not use at temperatures below 10°C or when the relative humidity is greater than 70%, preferably between 10:00 and 16:00.**
- Drying time:** Pot life = 2 Hours; Touch Dry = 6 Hours; Hard Dry = 16 Hours @ 25°C with relative humidity of less than 55%. Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase), whilst lower temperatures and high humidity will retard the drying times (approximately doubled for every 10°C decrease)
- Recoating time:** Minimum 8 hours – Maximum 24 hours between Anti-Graffiti Coating coats.
- Requirements:** 2 Coats
- Anti-graffiti properties:** Full Anti-graffiti properties are developed within 7 to 10 days
- Graffiti cleaning:** Moisten a cloth or soft sponge with Marmoran Anti-graffiti Cleaning solvent and rub out the anti-graffiti from the wall.  
Wipe off excess Cleaning solvent, **EXCESS SOLVENT LEFT ON THE ANTI-GRAFFITI COATING MAY SOFTEN AND DAMAGE THE COATING.**  
Wash the wall with water and detergent if and when required.

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### PRODUCT DATA

|                                              |                                                                                                                                                                                                                                                   |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Composition:                                 | Poly isocyanate, acrylics, polyol resins                                                                                                                                                                                                          |
| Solvent Type:                                | Butyl Acetate                                                                                                                                                                                                                                     |
| %Volume Solids:                              | 44% ± 2%                                                                                                                                                                                                                                          |
| % Mass Solids:                               | 50% ± 2%                                                                                                                                                                                                                                          |
| <b>VOC LEVELS</b>                            |                                                                                                                                                                                                                                                   |
| Mixing Ratio:                                | 3 Parts Base to 1- part Hardener by Volume.                                                                                                                                                                                                       |
| Drying Times:                                | @ 25 deg C, 65% RH (see note 1)                                                                                                                                                                                                                   |
| Surface Dry:                                 | 2 hours                                                                                                                                                                                                                                           |
| Hard Dry:                                    | 12 hours                                                                                                                                                                                                                                          |
| Over coating Time:                           | 12-48 hours                                                                                                                                                                                                                                       |
| Theoretical Spreading Rates:<br>(see note 2) | 6-8 m <sup>2</sup> / litre / coat depending on substrate and porosity<br><b>Wet Film Thickness:</b> 125-100µ per coat<br><b>Dry Film Thickness:</b> 30-38µ per coat<br>Apply 1 or 2 coats to new surfaces so as to achieve complete obliteration. |
| Shelf Life and Storage:                      | 6 - 8 Months in unopened containers.<br>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 (approximately halved for every 10 deg C increase)  
Lower temperatures will retard the drying times (approximately doubled for every 10 deg 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:

**HAZARDOUS. CLASS 3. Refer to the Material Safety Data Sheet.**

### HANDLING & SAFETY:

Avoid inhalation. Use Breathing Apparatus if ventilation is not adequate. Observe good housekeeping practices. Wear protective gloves, goggles, overalls (see section 8) wash thoroughly after handling. Do not eat, drink, or smoke when handling this material. Cured spillages should be gathered up and disposed of in accordance with local authority regulations. Do not induce vomiting if swallowed. Consult a physician if irritation of skin persists or if product is ingested.

### 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.