

WATER BASED ACRYLIC PRIMER FOR HIGH DENSITY SUBSTRATES



PRODUCT INFORMATION

- For interior & exterior use onto suitably prepared substrates
- Specially formulated to suit a wide variety of surfaces including metal, wood and concrete
- Contains anti corrosive pigments to arrest existing rust and prevent the formation of rust nodules on steel surfaces, thereby affording long life protection to the steel structure
- Inherent flexibility prevents cracking and flaking
- Superior Alkali Resistance, will not blister
- Controlled water vapour permeability enabling the substrate to “breathe”
- Deep penetration for excellent adhesion
- Excellent over coating properties
- Rapid drying properties
- Colour tinted close to the finishing coat
- Eco friendly, water based, LOW VOC LEVEL [16g/L]
- Made to order, supplied ready to use



Available in all colours



ECO FRIENDLY

PRODUCT CODE AP006
USES

PRODUCT DATA INFORMATION SHEET

- suitable for interior and exterior use on a wide variety of suitably prepared substrates.

COLOUR & AVAILABILITY

- tinted to colours close to that of the finishing Marmoran Coating.
- packed in 1 and 5 litre containers.

TESTED TO NATIONAL & INTERNATIONAL STANDARDS BY THREE INDEPENDENT LABORATORIES

TEST STANDARDS

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 1586	Ability to withstand high temperatures with no signs of delamination, blistering or loss of adhesion

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. Mix with a flat paddle before & during application. **Clean with water**

APPLICATION METHOD

Application tools: brush, roller or spray.

Prepare substrate by removing all loose and friable particles. Stop and fill appropriately. Ensure that the surface is clean, dry and sound.

Apply 1 coat of Marmoran Universal Primer, at a spread rate of 8 -10m² / L / coat, and allow to cure. On porous surfaces thin first coat 10% with water and follow with a second coat unthinned.

Wet Film Thickness : 125-100 µ per coat, **Dry Film Thickness**: 45-36 µ per coat

PRODUCT DATA

Composition Anti corrosive and inert pigments dispersed in an acrylic resin.

Solvent Type Water

Solids **Volume** 36% ± 2% **Mass** 48% ± 2%

VOC LEVEL 16g/L 2%

Drying Times **Surface Dry:** 2 hours **Hard Dry:** 12-16 hours **Over coating Time:** 12-24hours

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

65% RH Lower temperatures will retard the drying times (approximately doubled for every 10 deg C decrease)

Theoretical 8–10 m² L / coat

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 Handling & Safety Non hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996)
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.