

SMOOTH WATER BASED ALKALI RESISTANT



PRODUCT INFORMATION

- For interior & exterior use onto suitably prepared substrates
- 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 [20g/L]
- Made to order, supplied ready to use

TESTED TO NATIONAL & INTERNATIONAL STANDARDS
BY THREE INDEPENDENT LABORATORIES.



Available in all colours



ECO FRIENDLY



PRODUCT CODE AC008

PRODUCT DATA INFORMATION SHEET

PACKAGING

- 5, 20 and 200 L 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 1586: 2207	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.

SA National enquiries: 0861 627 266

www.marmoran.co.za
BEE COMPLIANT LEVEL 3 STATUS

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International enquiries: +27 21 797 4250

Email: info@marmoran.co.za

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- 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. **Clean with water**

APPLICATION METHOD

Application tools: brush or roller. **Do not apply on extremely porous substrates.**

Apply at a spread rate of 6 – 8 m² L / coat

Number of coats: 1 or 2 coats to new surfaces so as to achieve complete obliteration. Allow to dry between coats.

Wet Film Thickness: 167-125µ per coat **Dry Film Thickness:** 53-40µ per coat

NEW WORK

Prepare substrate by removing all loose and friable particles. Stop and fill appropriately. Ensure that the surface is clean, dry and sound [See Marmoran Best Practices Surface Preparation] Apply 1 or 2 coats of Marmoran Acrylic Primer SABS 1586 GRADE 3 tinted to the required colour. Allow for drying time before applying the specified Marmoran Product.

REDECORATION

Prepare by removing all loose and flaking paint, dirt, grease and grime. Prime exposed areas appropriately. Proceed as for new work.

PRODUCT DATA

Composition Inert Pigments, Fillers and additives dispersed in an Acrylic Copolymer Resin.

Solvent Type Water

Solids **Volume** 32% ± 2% **Mass** 52% ± 2%

VOC LEVEL **20g/L** 1.4% white, pastel & medium colours.

The GREEN SEAL STANDARD is 50g/L [3.8%] for flat coatings.

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 6 – 8 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 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.