

## LOW SHEEN SELF CLEANING PURE ACRYLIC PAINT



### PRODUCT INFORMATION

- Based on a specially formulated hydrophobic acrylic polymer that promotes self cleaning and fungal resistance
- Designed for interior or exterior use
- Offers excellent dirt shedding, and water resistance
- Pleasant low sheen
- With a smooth & velvety feel, it is a pleasure to touch
- Eco friendly, water based, LOW VOC LEVEL [23g/L]
- Made to order, supplied ready to use

TESTED TO NATIONAL & INTERNATIONAL STANDARDS  
BY THREE INDEPENDENT LABORATORIES.



### UNIQUE INTERNATIONAL GUARANTEE

MARMORAN 7 YEAR INTERNATIONAL GUARANTEE UNDERWRITTEN BY A THIRD PARTY is issued on condition that the system is applied by a Marmoran Licenced 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 CODE AC019

PRODUCT DATA INFORMATION SHEET

## PRODUCT DESCRIPTION

Marmoran Aquanil is a superior quality coating with a pleasing low sheen that is based on a unique, specially formulated fine particle size pure acrylic polymer with inherent hydrophobic properties. This hydrophobic nature of the polymer in Marmoran Aquanil offers excellent dirt shedding, water resistance, fungal resistance and promotes self-cleaning.

## USES

- Designed for interior or exterior use as a protective and decorative coating for a wide variety of new or previously coated surfaces that have been suitably prepared. This includes cement plasters, concrete, fibre cement, ceiling boards, off shutter concrete, highly porous surfaces, gypsum.

## FEATURES & BENEFITS

- **Outstanding dirt shedding and self cleaning abilities**

## TEST STANDARD

- **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 E 96** 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
- **SABS 146** Excellent impact resistance and tensile strength
- **ISO 12040** Exceptional weathering, water repellency and ultraviolet resistant properties

## PACKAGING

- 5, 20 and 200 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 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.
- **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

- If required **apply** 1 even coat of the appropriate **Marmoran Primer** or self prime and allow to cure.
  - Apply 2 to 3 coats of **Marmoran Aquanil** tinted to the required colour by spray, roller or brush as per the approved colour. Allow for drying time between coats.
  - **Wet Film Thickness:** 143-111µ per coat **Dry Film Thickness:** 50-39µ per coat
- The system must be applied in strict conformance to the manufacturers' instructions.

## SPECIFICATION for MARMORAN AQUANIL

### NEW WORK

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.

**If required, apply** an even coat of the appropriate **Marmoran Primer**. **Apply Marmoran AQUANIL SABS 1586 GRADE 1** to match the approved **Marmoran Sample Reference Number: S/\_\_\_\_\_**.

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it must be applied by a trained applicator that is skilled and experienced.

## REDECORATION

Prepare the surface by removing all loose and flaking paint, dirt, grease and grime. Make good all cracks and defects and then repair and prime to match the existing surface. Proceed as for new work.

## PRODUCT DATA

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

**Solvent Type** Water

**Solids** **Volume** 35% ± 2% **Mass** 50% ± 2%

**VOC LEVEL** **23g/L** 1.76% 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 (± halved for every 10° C increase)  
**65% RH** Lower temperatures will retard the drying times (± doubled for every 10° C decrease)

**Theoretical** 7 – 9 m<sup>2</sup> 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.