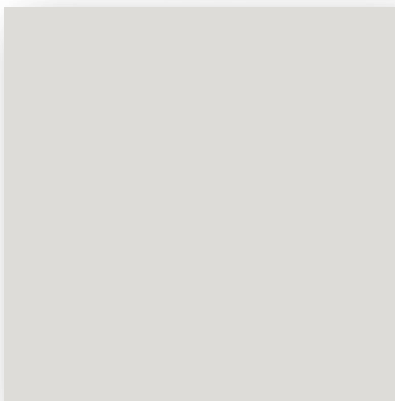


HIGH SHEEN PURE ACRYLIC COATING



PRODUCT INFORMATION



- Designed for interior or exterior use
- Smooth silk finish
- Easy to clean
- Has excellent impact and abrasion resistance
- Superior adhesion to all suitably primed substrates
- Extremely tough and durable
- Excellent weather and ultraviolet resistance
- **LOW VOC LEVEL - 31 g/L**
- Non hazardous, non toxic, and both environmentally and user friendly.



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 AC001

PRODUCT DATA INFORMATION SHEET

PRODUCT DESCRIPTION

Marmoran Marmosilk is a superior quality coating based on a high performance proprietary Acrylic Resin of outstanding quality. Marmoran Marmosilk has a pleasing smooth silk finish.

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 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 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 and primed. This includes cement plasters, concrete, fibre cement, ceiling boards, off shutter concrete, highly porous surfaces, gypsum.

COLOUR

- Available in a wide colour range.

PACKAGING

- 5, 20 & 200 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 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

- **Apply** 1 even coat **Marmoran Acrylic Primer** and allow to cure.
- Apply 2 to 3 coats of **Marmoran Marmosilk** tinted to the required colour by spray, roller or brush as per the approved colour. Allow for drying time between coats. Spread rate: 7-9m² / L / coat
- **Wet Film Thickness:** 143-111µ per coat **Dry Film Thickness:** 44-33µ per coat

The system must be applied in strict conformance to the manufacturers' instructions.

SPECIFICATION for MARMORAN MARMOSILK

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.

Apply an even coat of **Marmoran Acrylic Primer**.

Apply the **Marmoran MARMOSILK SABS 1586 GRADE 1** to match the approved **Marmoran Sample Reference Number: S/_____**.

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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

Pure Acrylic Copolymer Resin Additives, Pigments, Extenders

Solvent Type

Water

VOC LEVEL

31 g/L [2.34%] white, pastel & medium colours.

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

Solids

Volume 31% ± 2% Mass Solids 45% ± 2%

Drying Times @ 25 deg C, 65% RH

Surface Dry 2 hours **Hard Dry** 6-12 hours **Over coating Time** 12 hours

Higher temp will accelerate the drying times (± halved for every 10 °C increase)

Lower temp will retard the drying times (± doubled for every 10 °C decrease)

Theoretical Spreading Rates

7-9m² / L / coat Apply two or three coats to new surfaces so as to achieve complete obliteration.

This figure is indicative, and subject to applicator skill and substrate type and condition.

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.

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

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.