

Marmoran

The Architects' Choice

UNIVERSAL UNDERCOAT **SB**

A SUPERIOR ALKYD BASED UNIVERSAL UNDERCOAT FOR INTERIOR AND EXTERIOR APPLICATION UNDER SOLVENT BASED ALKYD ENAMELS AND WATER BASED EMULSION PAINT.



PRODUCT INFORMATION

FEATURES & BENEFITS

- Excellent adhesion of topcoats.
- Excellent adhesion to primers.
- Provides a good gloss holdout.
- Excellent over coating properties
- Is totally non permeable with excellent water resistance
- Excellent sanding properties
- Matt finish



SA National Enquiries: 0861 627 266

www.marmoran.co.za

B-BBEE COMPLIANT

© COPYRIGHT 2008:

No part of this document may be reproduced by any means unless express written permission has been granted by MARMORAN (Pty) South Africa.

International enquiries: +27 21 797 4250

Email: info@marmoran.co.za

11.12.2019

Marmoran

The Architects' Choice

UNIVERSAL UNDERCOAT

PRODUCT CODE SP008

PRODUCT DATA INFORMATION SHEET

PRODUCT DESCRIPTION

Marmoran Universal Undercoat is a superior quality synthetic coating based on a high performance hard Alkyd resin. It has a matt finish.

GENERAL CONSIDERATION REGARDING APPLICATION

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.

APPLICATION CRITERIA

- Please refer to our notes on **BEST PRACTICES FOR SURFACE PREPARATION**.
- **Inspect the substrate:** The plaster substrate must conform to a smooth and even finish. This can be achieved with a fine wood float or we recommend a steel float finish.
- The product must be applied in strict accordance to the Manufacturer's System and Specification.
- Adequate time should be allowed for it to cure [confirm a moisture reading of <15%: this may take from 7-21 days, depending on weather conditions] prior to the application of any specialised, semi-specialised coating or paint.
- **Prepare the substrate** appropriately to ensure that the surface is clean, dry, sound and free of defects.
- Ensure that the **scaffold** be positioned at a comfortable distance away from the surface so that application technique is not compromised. (400-600 mm).
- **Check** spread rates and tools.

APPLICATION METHOD

May be applied by brush, roller or by spray.

The Product is supplied ready for use. For extremely porous substrates, thin **Marmoran Universal Undercoat** with Mineral Turpentine at a level of 10% maximum by volume.

NEW WORK

Prepare substrate by removing all loose and friable particles. Stop and fill appropriately. Ensure that the surface is clean, dry, sound and free of defects. Apply 1 or 2 coats [so as to achieve complete obliteration] of ***Primer relevant to the substrate type**. Allow to cure between coats. Apply 1 or 2 coats [so as to achieve complete obliteration] **Marmoran Universal Undercoat**. Spread rate of 8-10 m² / L /coat. Allow to cure between coats. Apply the **finishing coat**.

***Primers:** Concrete and plaster renders: Marmoran Trade Plaster Primer
Steel & Wood: Marmoran Universal Primer

Marmoran

The Architects' Choice

UNIVERSAL UNDERCOAT

REDECORATION

Prepare by removing all loose and flaking paint, dirt, grease and grime. Ensure that the surface is clean, dry, sound and free of defects. Prime accordingly. Proceed as for new work.

PRODUCT DATA

Composition	Inert Pigments, Fillers and additives dispersed in an alkyd resin.
Solvent Type	Hydrocarbons.
Solids	Volume 47% ± 2% Mass 68% ± 2%
Theoretical Spread rate	8-10 m ² / L / coat This figure is indicative, and subject to applicator skill and substrate type and condition. Actual spread rates must therefore be determined by the Applicator
Film Thickness	Apply 1 or 2 coats to new surfaces so as to achieve complete obliteration Wet film thickness: 125-167 µ per coat Dry film thickness: 60-80 µ per coat
Drying Times @ 25 deg C, 65% RH	Surface Dry 2 hours Hard Dry 6-12 hours Over coating Time 12-24 hours Higher temperatures will accelerate the drying times (± halved for every 10 ° C increase) Lower temperatures will retard the drying times (±doubled for every 10 °C decrease)
Solvent for Cleaning	Mineral Turpentine 6 - 8 Months in unopened containers.
Shelf Life and Storage	Store in a cool dry and well ventilated place away from excessive heat or open flame. Do not allow to freeze.

TRANSPORT

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

HANDLING & SAFETY Avoid inhalation. 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 off 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.