

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

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**

- 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.
- **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).
- **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 and sound. (See Marmoran Best Practices Surface Preparation).

- 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 6-8m<sup>2</sup> / 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*

#### REDECORATION

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

#### PRODUCT DATA

<b>Composition</b>	Inert Pigments, Fillers and additives dispersed in an alkyd resin.
<b>Solvent Type</b>	Hydrocarbons.
<b>Solids</b>	Volume 47% ± 2% Mass 68% ± 2%
<b>Theoretical Spread rate</b>	6-8 m <sup>2</sup> / L
<b>Film Thickness</b>	<b>Wet film thickness:</b> 125-167 µ per coat <b>Dry film thickness:</b> 60-80 µ per coat
<b>Drying Times</b> @ 25 deg C, 65% RH	<b>Surface Dry</b> 2 hours <b>Hard Dry</b> 6-12 hours <b>Over coating Time</b> 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)
<b>Theoretical Spreading Rates</b>	6-8m <sup>2</sup> / 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 Apply 1 or 2 coats to new surfaces so as to achieve complete obliteration
<b>Solvent for Cleaning</b>	Mineral Turpentine
<b>Shelf Life and Storage</b>	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

**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.