



TECHNICAL DATA SHEET

PLASTER PRIMER



**GENERAL DESCRIPTION:**

A pigmented alkali-resistant primer for sound cement and gypsum plasters, concrete and brick. Provides optimum adhesion to the substrate and prevents alkali (lime) attack on enamel-based finishing coats. Also provides hiding or opacity effects over coloured surfaces.

**USES:**

Primer for sound masonry surfaces. Suitable for alkaline surfaces such as fresh but dry cement plaster.

NB: If the surface is friable, weak or powdery it is highly recommended that an alkali-resistant penetrating bonding liquid as a first coat. Not suitable for damp surfaces.

**FEATURES & BENEFITS:**

- Alkali resistant plaster primer
- High hiding
- Sealer
- Primer

**TECHNICAL INFORMATION**

1. PLASTER PRIMER

PHYSICAL FORM	White medium viscosity fluid with characteristic odour
COLOUR	White only (may be tinted to pastel shades with universal colourants)
FINISH	Matt
SPREADING RATE	Approximately 8 m <sup>2</sup> per litre per application
POLYMER TYPE	Alkali-resistant modified styrene resin
FILLERS	Silicates and carbonates
PIGMENTS	Non-toxic types only
DRYING PROPERTIES	Surface or touch-dry: within 1 hour
RECOATING TIME	4h depending on conditions and film build
FLASH POINT	42°C (Contains flammable solvent)
PACKAGING	5L & 20L
THINNING	Use a minimum quantity of mineral turpentine if required
CLEANING	Equipment is readily cleaned using white spirits, brush cleaners, lacquer thinners etc. Cured paint may be removed using lacquer thinners
APPLICATION METHOD	Supplied ready-for-use. Apply using enamel roller or brushing. May be sprayed using conventional spray equipment. Dilution with mineral turpentine may be required to prevent excessive film builds

**DO NOT PAINT**

IF THE TEMPERATURE IS BELOW 10°C OR ABOVE 35°C
IF THE SURFACE IS DAMP (MOISTURE READING ABOVE 15%)
IF IT IS RAINING OR RAIN IS FORECAST
BEFORE 9H00 AND AFTER 16H00 IN THE WINTER



## RECOMMENDED APPLICATION PROCEDURE – PLASTER PRIMER

### 1. SURFACE PREPARATION

Clean down the surface to be treated using a brush and water to remove loosely adhering surface particles and any oily contamination (a detergent may aid the removal of the latter). Rinse thoroughly and allow to dry. Check condition of the surface by rubbing a finger over it or applying adhesive tape (e.g. masking tape).

Check if an appreciable amount of the surface is removed. If this occurs, treat the surface as friable (see below).

### 2. BINDING OR SEALING OF FRIABLE SURFACES

Apply Bonding liquid to the prepared surface to give a uniform appearance. Do not apply heavy coatings as a glassy finish may result which can interfere with subsequent paint adhesion. Allow to dry for 2h minimum before applying Plaster Primer as below.

### 3. PRIMER

Apply Plaster Primer to the surface prepared as above. Allow to dry for at least 2hours before over coating.

### 4. FINISHING

Water-based (PVA-type) Finishing Coats:

Apply the selected product directly to the primed surface.

NB: The use of an economy-grade PVA as a “filler coat” under a premium grade finishing coat is not recommended as this type of product does not have the same film strength as the finishing coat. Delamination may occur under certain conditions.

#### **Solvent-based Enamels:**

Apply undercoat (e.g. Universal Undercoat) to the prepared surface and allow to dry overnight. Sand the undercoat with fine abrasive paper to produce a smooth surface (two coats of undercoat may be used to provide optimum surface smoothness after sanding). Then apply the required finishing coating (e.g. Gloss Enamel). Observe all of the limitations of recoating times to avoid poor inter-coat adhesion, lifting and other potential defects.

NB: The use of undercoat under an enamel enables a smoother finish to be obtained after sanding and also improves the overall coating adhesion. Universal Undercoat may be tinted with universal colourant to improve opacity and coverage of the finishing coat.

### CAUTIONARY NOTES

1. The use of an undercoat is recommended under enamel finishing coats: it increases overall film build and sanding to provide a smoother surface for a quality finish and aids overall film integrity by spreading film stresses.
2. Do not apply Plaster Primer to damp surfaces.

### HEALTH & SAFETY ADVICE

The product contains a flammable solvent. Precaution must be taken to prevent naked flames coming in contact with vapours (i.e. smoking must be prohibited). Solvents may also cause narcotic effects if the vapour concentration is too high: always ensure adequate ventilation (do not use solvent based paints in a poorly ventilated or closed space). Avoid contact with skin, eyes, mouth etc. Wear protective clothing, goggles & gloves. If body contact is made, rinse off immediately. Wash product off skin before it has dried using soap and water.

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