

# Proplast Universal Primer

Polymer modified resin based primer to enhance the bond between Proplast Acrylic, Silicone and Silicate range with concrete substrates



## Description

Proplast Universal Primer is a one component polymer modified resin based primer specially formulated to enhance the uniformity and colouration of the final topical coat. Proplast Universal Primer works by balancing the pH between the finishing plasters and the substrate giving a stronger and more durable bond.

## Applications

Proplast Universal Primer is a primer coat specially designed to increase the bonding on smooth concrete substrates for DCP Proplast Acrylic, Silicone and Silicate range of decorative plasters.

Proplast Universal Primer can be used internally, externally and for vertical and overhead applications.

## Advantages

- ▲ Available in a wide range of colours.
- ▲ One component, easy to use.
- ▲ Provides excellent adhesion.
- ▲ Can be used internally and externally.
- ▲ Can be used on vertical and overhead applications.
- ▲ Inhibits water loss from the plaster through the substrate.
- ▲ Increases working time and workability of plaster.
- ▲ Gives an improved surface finish for acrylic, silicate and silicone decorative coatings.

## Method of Use

### Substrate Preparation

Substrate must be clean and free from oil, grease, dust and laitance. Surface laitance should be removed by light scabbling or grit blasting.

### Mixing

Proplast Universal Primer does not require dilution. Mix continuously with low speed mixer/drill (400 - 600 rpm) for 3 - 5 minutes. Make sure the contents are stirred well before use.

### Technical Properties @ 25°C:

Consistency:	Brush or roller
Specific gravity:	≈ 1.4 ± 0.1
Wet film thickness:	100 - 200 micron
Dry to touch:	4 hr
Full drying time:	≈ 24 hr
Application ground temperature:	5 - 30°C
Viscosity:	200 - 250 p
Solids by weight:	60%
Solids by volume:	45%
VOC:	< 15 g/ltr

## Application

Proplast Universal Primer is applied with a textured roller to the prepared substrate making sure to obtain 100% coverage. Decorative Plaster should be applied 24 hours after Proplast Universal Primer dries.

## Limitations

Not recommended for use as a primer for cementitious based plasters.

## Cleaning

All tools should be cleaned immediately after use with fresh clean water.

## Packaging

Proplast Universal Primer is available in 18 litre plastic buckets.

## Coverage

Approximately 5.0 - 8.0 m<sup>2</sup>/ltr.  
(Single coat wet film thickness is estimated at 200 microns). (Dry film thickness will be between 55 - 90 microns).



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## Storage

Proplast Universal Primer has a shelf life of 12 months from date of manufacture if stored in a shaded place at a temperature of 25°C in original unopened packaging. If these conditions are exceeded, DCP Technical Department should be contacted for advice.

## Cautions

### Health and Safety

Proplast Universal Primer should not be swallowed. Gloves and eye protection should be worn.

In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice promptly.

For further information refer to the Material Safety Data Sheet.

## Fire

Proplast Universal Primer is nonflammable.

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- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
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- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.



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