

# SUPASKIM

Fine grade polymer modified render for application over rigid and porous masonry based surfaces. Ideal for sponge finish.

## Description

Supaskim is a fine grade polymer modified cement based plaster suitable for many rendering and patching applications requiring a fine finish. Supaskim has been formulated for use as a skim coat render best applied at a thickness ranging between 4-6 mm. When applied to a clean and stable substrate, Supaskim will not display typical 'sand and cement' weaknesses such as herringbone cracking and drumminess, thus greatly reducing the risk of under taking costly and unsightly repair work. The fine aggregates in Supaskim make it ideal for sponge finishing prior to the application of paint. Note: Supaskim is not recommended for use over FC sheet.

## Suitable Surfaces

Supaskim can be applied to any rigid masonry based surface with sufficient porosity. Surfaces include:

- > Clay/concrete bricks/blocks
- > Aerated concrete
- > Existing cement renders

\*\* Application to low porosity (including primed) or non-rigid surfaces will require the addition of Macbond performance admixture. See Macbond data sheet for further details.

## Composition

Supaskim is composed of HE class portland cement, redispersible polymer powders, graded sands and workability admixtures. The formulation provides optimum performance, durability and ease of application.

## Mix Preparation

Fill a clean 15 litre mixing vessel with approximately 3 litres of clean water and slowly add the Supaskim powder whilst stirring. Add entire contents of bag and adjust with more water to achieve the desired consistency. Allow to stand for 2 minutes prior to application. A 20 kg bag of Supaskim will require approximately 4 litres of water. Application to certain substrata may require the addition of Macbond (see below).

## Application

Prior to the application of Supaskim, ensure that the substrate is clean and free of adhesion inhibiting materials such as grease, fungus, moss, dirt, excessive water and mould release agents. Apply the mixture to the substrate using a steel float, taking care to coat evenly. Allow the applied material to firm up sufficiently on the substrate prior to finishing with a large plastic, polystyrene or timber float. Supaskim is ideally suited for sponge finishing prior to the application of a paint top-coat in the selected colour. Larger floats whilst producing the best results, may marginally slow finishing time.

Supaskim can be 'ruled-off' if necessary and must be allowed to cure for a minimum of 5 days prior to the application of a paint or textured finish coat. Areas subject to entrapped moisture will require a substantially longer curing period prior to the application of topcoats.

Supaskim should not be applied during extremely hot or windy conditions and should be protected from rain and running water until set. To assist curing, walls may be dampened with a fine mist spray as soon as the surface is firm. See table below for application recommendations.



Table 1. Recommended Methods Of Application

SUBSTRATE	METHOD
<i>Porous masonry based surfaces such as clay and concrete bricks and blocks</i>	<i>Clean down substrate and apply Supaskim at the required thickness in either one or two coats. Allow to firm up prior to ruling-off and floating smooth. Allow to cure for a minimum of 4 days prior to application of finish coat.</i>
<i>Glazed bricks</i>	<i>Premix a Macbond:water additive at a ratio of 1:10. Use this pre-mix as liquid component during Supaskim preparation (first coat only).</i>  <i>Clean down substrate and apply Supaskim at the required thickness in either one or two coats. Allow to firm up before ruling-off and floating smooth. Allow to cure for a minimum of 4 days prior to application of finish coat.</i>
<i>Existing cement renders</i>	<i>Clean down substrate and remove any loose or drummy render. Supaskim will only adhere to the substrate as well as the underlying render so it is essential that only stable material remains. Excessively porous renders should be dampened with water to prevent premature drying of the Supaskim.</i>  <i>Clean down substrate and apply Supaskim at the required thickness in either one or two coats. Allow to firm up prior to ruling-off and floating smooth. Allow to cure for a minimum of 4 days prior to application of finish coat.</i>
<i>Concrete Panels</i>	<i>Premix a Macbond:water additive at a ratio of 1:2. Use this pre-mix as liquid component during Supaskim preparation (first coat only).</i>  <i>Clean down substrate and apply Supaskim at the required thickness in either one or two coats. Allow to firm up prior to ruling-off and floating smooth. Allow to cure for a minimum of 4 days prior to application of finish coat.</i>
<i>Sealed masonry (including primed) based surfaces</i>	<i>Premix a Macbond:water additive at a ratio of 1:1. Use this pre-mix as liquid component during Supaskim preparation (first coat only).</i>
<i>NB: Macrender® HBS recommended</i>	<i>Clean down substrate and apply Supaskim at the required thickness in either one or two coats. Allow to firm up prior to ruling-off and floating smooth. Allow to cure for a minimum of 4 days prior to application of finish coat.</i>

## Curing

The strength of the final coating relates directly to the level of hydration of the cement component. Excessively rapid drying will result in a weaker render. MAC recommends that the finished render be lightly hosed with water in the days following application. Curing of the render will significantly improve the strength and durability of the final coating.

## Macbond

Macbond is a high-performance polymer admixture formulated for addition to cement-based renders and adhesives. Macbond is mixed with water in various ratios then added to the dry-mix to provide the required level of adhesion for each specific job. Macbond is not required for all applications. See table for particulars.

## Packaging

Supaskim is supplied as a dry-mix powder in 20 kg plastic lined, multi-walled paper sacks. Pallet lots of 60 x 20 kg bags are also available.

## Coverage

A 20 kg bag of Supaskim is expected to cover approximately 4 - 5 square metres at a thickness of 4 - 6 mm.

## Wash-Up

Clean tools in clean water immediately after use.

### Safety

Supaskim is non-toxic however it contains cement which is alkaline in nature. Any material coming into contact with eyes or skin should be immediately flushed with clean water. This product may also contain trace quantities of respirable silica present only as an impurity. Eye, skin and breathing protection is recommended during preparation and application of Supaskim.

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#### IMPORTANT NOTE:

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