

# ANDURA SKIMCOAT PLUS

## Description

Skimcoat Plus is a Portland cement based powder mix which is polymer modified to form a fine textured fairing coat. The polymer modification ensures that the finish obtained is flexible and has excellent adhesion plus water-resistant properties. Skimcoat Plus is supplied as a one pack pre-packaged material ready for on site mixing. The application of the cementitious fairing coat gives a fair face finish that will act as a protective over-coating. Additional protective or decorative coatings may be applied to the hardened fairing coat. The applied fairing coat has good freeze-thaw stability and reduced permeability resulting from the polymer reinforced finish. Application thickness may range from 3 mm down to a feather edge.

## Uses include:

Upgrading the face of insitu and precast panels, beams, walls, ceilings and blockwork to cover blemishes, honeycombing and discoloration.

Finishing of areas after cementitious repairs have been carried out.

## Typical Mortar Properties @ 20°C

Density	1800 kg/m <sup>3</sup>
Useable Life	2 hours

## Approvals

Skimcoat Plus has been tested in accordance with the appropriate parts of British Standards: BS 1881, BS 6319.

## Specification Outline

Concrete repaired sections and other faces shall be finished using Skimcoat Plus as supplied by Andura Coatings Ltd. The product must be stored, handled and used strictly in accordance with the manufacturer's instructions.

## Technical Support

Andura offers a comprehensive range of high performance coatings for the interior and exterior protection and decoration of building surfaces.

Andura provides a support package to engineers, architects, specifiers, end-users and contractors as well as training and on site assistance.

## Instructions for Use Preparation

Remove all laitance, dust, oil and grease, paint and any other loose material. Prior to the placing of the Skimcoat Plus dampen (do not soak) the substrate.

## Mixing

The water requirement for each 20kg bag of Skimcoat Plus is 5.5 to 6.5 litres. Pour the water into the mixing vessel then slowly add the powder to the water whilst continuously mixing. Mechanical mixing should be used by means of either a slow speed high torque drill with a Mortar Stirrer or a forced action mixer such as the Creatangle. Mixing should be continued for three minutes after all the powder has been added.

## Application

Apply the Skimcoat Plus using a steel trowel. The thickness of application can range from 3mm to a featheredge. The Skimcoat Plus should be applied to the complete area or section in a single application. The applied material should be allowed to become firm without reworking. To achieve a smooth finish, trowel finally with a steel float dampened with water. Skimcoat Plus may be applied at temperatures between 5°C and 35°C.

For application at temperatures outside this range contact the Technical Service Department.

Skimcoat Plus is not a decorative finish and may temporarily discolour after initial application. This discoloration will reduce after initial application. This discoloration will reduce in service. For a final decorative finish, a suitable over-coating system may be considered.

## Curing

In temperate conditions no special curing is necessary. In warm weather or in high drying conditions curing using good concrete practice should be undertaken. Suitable methods of curing include polythene sheeting and spray applied curing membrane.

## Precautions

### Health & Safety

Skimcoat Plus is alkaline when mixed with water and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water.

Should eye contact occur rinse immediately with plenty of clean water and seek medical advice.

Full health and safety details are given in the Product Safety Data Sheet.

### Fire

Skimcoat Plus is non-flammable.

## Yield

Each 20kg unit of Skimcoat Plus will yield approximately 14 to 14.5 litres of mixed material.

## Storage & Shelf Life

Skimcoat Plus will have a shelf life of 12 months when kept in dry conditions at a temperature of 5°C to 45°C. Storage at higher temperatures or high humidity may reduce the shelf life.

## Quality Management

Andura is a British Standards approved firm and has been since 1992.

Andura's Quality Management Systems have been assessed and approved by BSI and conform to ISO 9001: 2008.

## Disclaimer

The advice and information provided in this data sheet is given in good faith, but carries no guarantee or acceptance of responsibility. This data sheet becomes invalid as soon as a new edition has been issued. Please check with Andura Coatings that you have the latest edition.

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