

SKIMCOAT PLUS

Product Codes

TP58 Packaging listed overleaf

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 3mm down to a featheredge.

Uses include: Upgrading the face of insitu and precast panels, beams, walls, ceilings and blockwork to cover blemishes, honeycombing and discolouration. Finishing of areas after cementitious repairs have been carried out.

Typical Mortar properties @ 20°C

Density 1800 kg/m³
Useable Life 2 Hours

Specification Outline

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

Quality Assurance

Tecroc Products Limited is a firm of Assessed Capability. The Company's Quality System conforms to BS EN 9002:1994 and is assessed by SGS Yarsley International Certification Services Ltd.

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 Creteangle. Mixing should be continued for three minutes after all the powder has been added.

Application

Apply the Skimcoat Plus using as steel trowel. The thickness of application can range from 3mm to a feather edge. 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 discolouration will reduce in service. For a final decorative finish, a suitable overcoating 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.



Grouts



Structural Support Mortars



Concrete Repair Products



Construction Adhesives



Resin & Cementitious Anchors



Highway Products



Coatings



Waterproofing



Ground Engineering

Head Office
Holly Lane Industrial Estate
Atherstone
Warwickshire
CV9 2RN
Tel: 01827 711755
Fax: 01827 711330

Northern Regional Office
Unit 2 Shawcross Court
Shawcross Business Park
Dewsbury
West Yorkshire. WF12 7RF
Tel: 01924 485548
Fax: 01924 488662

Web site: www.tecroc.co.uk

E-mail: enquiries@tecroc.co.uk

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Precautions

Health and 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 And 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 and high humidity may reduce the shelf life.

Packaging And Ordering

Skimcoat Plus is supplied in 20kg units.

20kg valvesack bags Product Code TP58

For further information and sales please contact your local Tecroc Products office as listed below.

Tecroc Products Ltd products are guaranteed against defective materials and manufacture. Products are sold subject to the Tecroc Products Ltd Terms and Conditions of Sale, copies of which are forwarded on invoice and are available on request. Tecroc Products Ltd endeavours to ensure that the above data and any further advice is correct, however, it cannot accept any direct or indirect liability for the use of its products as such usage is beyond its control.

Head Office

Holly Lane Industrial Estate
Atherstone
Warwickshire
CV9 2RN
Tel: 01827 711755
Fax: 01827 711330

Northern Regional Office

Unit 2 Shawcross Court
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Web site: www.tecroc.co.uk

E-mail: enquiries@tecroc.co.uk



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