



Icoment® 530 Cosmetic Mortar

A Cementitious Mortar for Cosmetic Concrete Repairs or Levelling

Technical Data Sheet

DESCRIPTION

Icoment 530 Cosmetic Mortar is a combination of cement reactive minerals and synthetic resin dispersion. It is mixed with O.P.C and water.

USES

- * Levelling concrete surfaces.
- * Repairing minor defects.
- * Filling blowholes and shrinkage cracks.
- * For exterior and interior use.

ADVANTAGES

- * Part of the **Icoment** Concrete Repair System.
- * Pre batched for quality.
- * Just add water and O.P.C.
- * Compatible with **Sika® FerroGard®** corrosion inhibitors.
- * Easy to mix and apply.
- * Excellent bond to concrete.
- * Contains no chloride admixtures.
- * Overcoatable with **SikaGard** coatings.
- * Low shrinkage.
- * Coefficient of thermal expansion similar to concrete.
- * BBA approved.

Technical Data (typical)

Mixed colour:	Grey and white
Mixed wet density:	1.7 kg/litre (additive only)
Application temperature:	+3°C min, +25°C max (Substrate and ambient)
Application thickness per layer:	N/A minimum 2.0 mm maximum
Mix ratio by volume:	Icoment 530 : water : Cement 1 : 0.5 : 1
Overcoating:	1 - 2 days with SikaGard vapour permeable coatings. 14 days with SikaGard PU or epoxy coatings.
'Working time':	Dependent upon cement grade.

All above values are approximate.

CONCRETE SUBSTRATE PREPARATION

Prepare and clean all concrete surfaces by suitable mechanical means such as abrasive blast cleaning or equivalent to ensure cement laitance, surface contamination and all existing coatings are removed and all blowholes and honeycombed areas are exposed.

MIXING

Icoment 530 Cosmetic Mortar should be mechanically mixed using a forced action mixer or in a clean drum using a drill and paddle. A normal concrete mixer is NOT suitable.

Add cement to **Icoment 530 Cosmetic Mortar** and mix then gradually add the remaining water until the desired consistency is achieved.

APPLICATION

The surface should be pre-wetted to a saturated surface dry condition before application.

For levelling up purposes **Icoment 530 Cosmetic Mortar** is applied by trowel in accordance with standard practice. Larger defects or holes should be pre-filled prior to overall levelling.

As soon as the mortar layer starts to set, a uniform surface texture can be obtained by rubbing the surface with a fine sponge. Alternatively surfaces may be stoned, sanded or ground after curing.

As a blowhole filler **Icoment 530 Cosmetic Mortar** is applied by sponge. Care should be taken to sponge in only sufficient mortar to fill surface blowholes only, in order not to detract from any surface profile such as board mark finish.

IMPORTANT CONSIDERATIONS

CURING

It is essential to cure the levelling mortar immediately after application for a minimum of 3 days to ensure full cement hydration and to minimise cracking. Use polythene sheeting or keep damp.

★ Large/deep repairs may be subject to shrinkage and cracking. This may be minimised by limiting repair volumes and reducing layer thicknesses.

★ Do not add water over recommended dosage.

★ Apply only to prepared, sound substrates.

★ Protect freshly applied material from freezing.

CLEANING

Remove **Icoment 530 Cosmetic Mortar** from tools and equipment with water. Hardened material can only be removed mechanically.

PACKAGING

Refer to latest price list.

CONSUMPTION

0.8 kg/m²/mm of prepared mix.
Excluding allowances for loss wastage, surface profile and porosity.

STORAGE AND SHELF LIFE

Minimum 1 year in unopened original sealed containers stored in dry warehouse conditions (+5°C - +25°C).



Handling Precautions

Sika products are generally harmless provided that certain precautions normally taken when handling chemicals are observed. The materials must not, for instance, be allowed to come in contact with foodstuffs or food utensils and measures should also be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The use of protective clothing, goggles, barrier creams and rubber gloves is required. The skin should be thoroughly cleaned at the end of each working period either by washing with soap and warm water or by using a resin-removing cream - the use of powerful solvents is to be avoided. Disposable paper towels - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. In case of accidental eye or mouth contact, flush with water - consult a doctor immediately. Health and Safety information on Sika Products is available and we strongly advise that this is read prior to their use. Sika products are for professional use and should be stored in sealed containers away from the reach of children.

Important Note

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Please consult our Technical Sales Department for further information

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