



LEVELCRETE NO.15

CONCRETE SMOOTHENING AND INTERIOR FLOOR LEVELLING COMPOUND (UNDERLAYMENT)



ECO FRIENDLY



HIGH STRENGTH



HIGH FLUIDITY

DESCRIPTION

Davco Levelcrete No.15 is a sophisticated self levelling underlayment that has been specially formulated for easy, level and smooth installation of interior sub floor surfaces.

USES

- Ideal for trowelling or pump applications over large areas, allowing for floor covering installation after 24 hours.
- Suitable for levelling and smoothing of internal subfloors of concrete, terrazzo, ceramic tiles etc.
- Provides a flat substrate over which to install wood, vinyl, carpet or other floor covering materials.
- Ideal for repairing damaged rained-on-subfloors, adjusting tolerances between floor slabs, smoothing over ceramic tiles prior to floor covering, rectifying camber problems on concrete, repairing old and damaged screeds etc.

ADVANTAGES

- Fluid and self levelling.
- Can be applied to any thickness in one operation, without shrinkage.
- Can be feather edged.
- Fillers can be incorporated to reduce costs in high builds.
- Water resistant when set.
- Compatible with most adhesives.
- Does not shrink.

TECHNICAL DATA

Compressive Strength BS EN 1015-11:1999	: >28 N/mm ²
Flexural Strength BS EN 1015-11:1999	: >6 N/mm ²
Tensile Adhesion Strength BS EN 1015-12:2000	: 0.8 N/mm ²
Taber Abrasion Resistance ASTM D4060:2010	: <0.37g
Bulk density of powder	: Approx. 1.1 kg / litre
Weight of mixed mortar	: Approx. 1.8 kg / litre
Working time at 25°C	: Approx. 25 minutes
Final set at 25°C	: Approx. 8 hours

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

Setting time is dependent on temperature and the substrate conditions. During cooler weather a longer setting time would be expected. During warmer weather, a shorter setting time would be expected.



BUILDING TRUST





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SURFACE PREPARATION

Substrates must be firm, dry and free from oils, grease, wax, dust and other contaminants.

Concrete and sand/cement screeds may need to prime with Davco 124.

MIXING AND APPLICATION

Put approximately 5.75 - 6.25 litres of clean water in a clean mixing container. Add Davco Levelcrete No.15 powder and stir thoroughly while adding the powder to produce a lump free smooth flowing mortar.

Mechanical mixing of the mortar facilitates the smoothness of the mix. Mixed mortar should be used within 25 minutes of mixing.

Working time is extended at lower temperatures and reduced at higher temperatures.

COVERAGE

For material consumption:- 1.5 kg of Davco Levelcrete No.15 powder covers approximately 1m² at 1mm thick.

Davco 124 covers approximately 8m² / litre.

PACKAGING

25kg bag.

SHELF LIFE

Shelf life of up to 6 months in unopened bags, stored in a cool dry elevated position.

CLEANING

Use clean water to clean tools and equipment before the product sets.

Hardened material has to be removed mechanically.

HEALTH AND SAFETY

This product contains cement which may cause dermatitis. It is recommended to use protective gloves during handling. If skin irritation occurs, seek medical attention promptly. Refer to safety data sheet.

Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website www.sika.com.sg

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