



# Davco

# FLOOR LEVELLER 15

## SELF LEVELLING OVERLAYMENT



ECO FRIENDLY



HIGH STRENGTH



WATER RESISTANT

### DESCRIPTION

Davco Floor Leveller 15 is a high strength levelling compound specially formulated for rapid installation of tension free and smooth surfaces. Davco Floor Leveller 15 contains a combination of special cements and high quality synthetic resins ideal for trowelling over large areas.

### USES

To form a smooth, levelled and high strength finished floor topping, used internally and externally.

Suitable for levelling and smoothing of internal sub-floors of concrete, terrazzo, ceramic tiles.

Ideal for adjusting tolerances between floor slabs.

Smoothing and levelling over quarry, ceramic tiles or concrete surface.

Rectify camber problems on concrete.

Repairing old or damaged concrete floor.

### ADVANTAGES

High-strength, suitable for use as a finished floor.

Self-levelling, seeks its own levels to produce a smooth and flat surface. Suitable applications on large areas.

Non-shrink, can be applied to any thickness. (3mm to 15mm in single application)

Water resistant when set, ease of application around drain areas as long as the drain itself is sealed.

Quick dry, walkable after 3 - 4 hours depending on the temperature and application areas.

### TECHNICAL DATA

|  |                               |
|--|-------------------------------|
| Appearance   | Grey powder                   |
| Compressive Strength @ 28 days<br>ASTM C109 : 2011b  | > 41.8 N/mm <sup>2</sup>      |
| Tensile Bond Strength @ 28 days<br>BS EN 1542 : 1999 | 1.4 N/mm <sup>2</sup>         |
| Impact Resistance<br>BS 8204 - PT1 : 2003            | Depth of indentation<br>< 3mm |
| Skid Resistance<br>BS 7672-2 : 2002                  | 62 SRV                        |
| Abrasion Resistance<br>ASTM D4060 : 2010             | 1.274g                        |
| Working Time @ 27°C                                  | 5 - 20 mins                   |
| Initial Set @ 27°C                                   | < 3 hours                     |
| Final Set @ 27°C                                     | < 4 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.

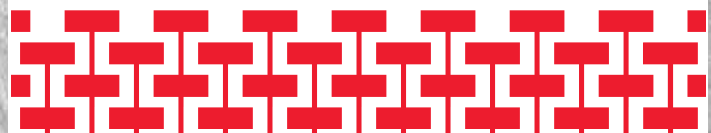
### ADVANTAGES (CON'T)

Self level to a smooth & flat surface.

Can be featheredged to provide a smooth finish.

Compatible with most adhesives.

BUILDING TRUST





# FLOOR LEVELLER 15

## MIXING & APPLICATION

### SURFACE PREPARATION

Substrates must be firm, dry and free from oil, grease, wax, dust or any other contaminants.

Priming on all sub-floor prior to application of Davco Floor Leveller 15 is highly recommended.

Concrete and sand/cement screeds, ceramic tiles, quarry tiles, terrazzo or other impervious surfaces must be primed with Davco Acrylic Primer or Davco 124 Ultraprime.

Apply Davco 124 Ultraprime onto the prepared substrate at approx. 6 - 8 m<sup>2</sup>/litre.

Allow primer to cure until tacky before laying Davco Floor Leveller 15.

### DAVCO FLOOR LEVELLING COMPLETE SYSTEM

**Primer** : Davco Acrylic Primer/ Davco 124 Ultraprime - 20 Litre Pail

**Application** : Apply direct from can, 120 - 160m<sup>2</sup> apply by roller  
: Dry tacky < 30 mins

**Finishing** : Davco Floor Leveller 15

**Mixing** : Mix 3.6 - 4.2 ltr of water / 20 kg bag

**Application** : apply 10 - 12m<sup>2</sup> @ 1mm thick using spiked roller

Foot-trafficable at approx. 4 hours

Pot life at approx. 20 mins depending on ambient temperature

It is important to protect the product during placement and whilst curing from direct sunlight and winds. This is to prevent rapid dehydration or desiccation (excessive moisture loss).

### PACKAGING

20 kg bag

### SHELF LIFE

Shelf life of up to 6 months from the date of manufacture. Store in a dry place free from moisture contact.

### CLEANING

Clean tools and equipment with water before the product sets. Hardened material has to be removed mechanically.

### HEALTH AND SAFETY

Davco Floor Leveller 15 is classified as non-hazardous. When using Davco Floor Leveller 15, applicators are advised to wear pvc or similar gloves and safety goggles as the cement may cause irritation. 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](http://www.sika.com.sg)

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