

# D-65



**Self levelling fast setting cement screed for levelling floors,  
for thicknesses of 1-10mm**



## ■ PROPERTIES

Pourable, self-levelling cement screed for levelling floors in thicknesses of up to 10mm. It is fast-setting and curing, without any shrinkage-related cracks. Distinguished for its high mechanical strength against abrasion, compression, impact and deterioration. Also distinguished for its strong adhesion to any mineral substrate. It presents excellent rheology, workability and has the ability to be pumped. Classified CT-C30-F6-AR2, per EN 13813.

## ■ APPLICATIONS

D-65 is ideal for levelling and smoothing of concrete floors, cement screed or existing mosaic floors to be

lined with marble, tiles, vinyl flooring, carpet, hardwood flooring, microcement, etc. Suitable for interior floor applications.

## ■ USE

### 1. Surface preparation

Make sure substrates are stable (strong, sound), without cracks, gaps and free from loose materials, dust, oils and grease. It is necessary to prime all absorbent substrates with the micromolar stabilizer AQUAFIX of DUROSTICK.

It is necessary to prime all non-absorbent substrates with the quartz based bonding primer DS-290 of

The technical specifications and directions of use contained in this technical data sheet are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.

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DUROSTICK. Pour the product after the primer has dried thoroughly (approximately 2 hours later).

### 2. Application

Empty the mortar into a clean container with cool water, at a ratio of 4.5-4.75lt water to 25kg mortar, and mix with a low-rpm drill, until a lump-free, homogeneous mass is created. Allow the mixture to mature for 1-2 minutes and mix again. Starting from a corner, apply the product using a floor squeegee or a wide notched trowel, and assist into distributing the product evenly on the entire floor.

Remove any air bubbles using a wide, stiff street broom or a spiked floor roller.

### ■ NOTES

- For larger thickness applications and up to 30mm, use the self-levelling cement screed D-64 of DUROSTICK.
- Do not use the product when it begins to set. The mixture should not get remixed with additional water.
- Do not add anything into the mortar (cement, gypsum, hydrated lime or regular lime, etc.) or improving additives.
- Do not apply on substrates affected by rising damp.
- The screed surface must be protected from sunlight, high temperatures and wind, until it cures, to prevent its premature dehydration.
- D-65 can be lined as soon as it hardens. The complete cure time of the mortar depends on the application thickness, the temperature and the relative humidity of the environment, as well as the temperature of the substrate.
- Once cured, the product is harmless to health and the environment.

### ■ CLEANING

Clean all tools with water, immediately after use.

### ■ CONSUMPTION

Approximately 1.5kg/m<sup>2</sup> /mm thick coat.

### ■ STORAGE

Store in the factory sealed packages, in dry and shaded places, for 8 months from production date.

### ■ SAFETY DIRECTIONS

The product contains Portland cement. Before use, refer to the cautions on the product packaging or the Safety Data Sheet.

### ■ PACKAGING

Paper bag of 25kg on 1,200kg pallet.

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<b>TECHNICAL SPECIFICATIONS</b> (Measurement conditions 23°C and 50% R.H.)	
■ Form - Color	Cementitious mortar - Gray
■ Maximum grain size	1mm
■ Bulk density of dry mortar	1.10±0.05kg/lt
■ Bulk density of fresh mortar	2.10±0.05kg/lt
■ Water requirement:	4.5lt water in 25kg mortar
■ Application thickness	1-10mm
■ Pot life	30-40 minutes
■ Application temperature	From +5°C to +35°C
■ Substrate temperature	From +5°C to +25°C
■ Temperature resistance	From -30°C to +80°C
■ Cure time (self-levelling)	45 minutes
■ Foot traffic	After 3 hours
■ Accepts lining after	After 24 hours

<b>PRODUCT PERFORMANCES</b>	
■ Flexural strength, per EN 13892-2, after:	
•24 hours	3.50±0.50 N/mm <sup>2</sup>
•7 days	6.00±0.50 N/mm <sup>2</sup>
•28 days	10.50±1.00 N/mm <sup>2</sup>
■ Compressive strength, per EN 13892-2, after:	
•24 hours	11.50±1.50 N/mm <sup>2</sup>
•7 days	23.00±1.00 N/mm <sup>2</sup>
•28 days	35.50±1.00 N/mm <sup>2</sup>
■ Abrasion resistance BCA per EN 13892-4	162±20µm

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