

1.2 Surface preparation

DUROSTICK D-65

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



TECHNICAL SPECIFICATIONS (Measurement conditions: 23°C and 50% R.H.)

Form - Color	Cementitious mortar - Gray
Toxic	No
Maximum grain size	1 mm
Water requirement	6.5 lt water in 25 kg mortar
Coat thickness	1-10mm
Bulk density of dry mortar	1.40±0.05kg/lt
Bulk density of fresh mortar	2.00±0.05kg/lt
Application temperature	From +5°C to +35°C
Temperature resistance	From -30°C to +80°C
Setting time (self levelling)	45 minutes
Foot traffic	After 3 hours
Can be coated	After 24 hours
Pot life	30-40 minutes

MECHANICAL STRENGTHS

Flexural strength, per EN 13892-2, after:	
• 24 hours	3.50±0.50 N/mm ²
• 7 days	6.00±0.50 N/mm ²
• 28 days	10.50±1.00 N/mm ²
Compressive strength, per EN 13892-2, after:	
• 24 hours	11.50±1.50 N/mm ²
• 7 days	23.00±1.00 N/mm ²
• 28 days	35.50±1.00 N/mm ²
Adhesion strength, per EN13892-8 after:	
• 28 days	>1.80 N/mm ²
Wear resistance BCA per EN 13892-4	
	162 ± 20 µm

STORAGE

Store in tightly closed packages, in dry and shaded places for at least 8 months after production date.

SAFETY DIRECTIONS

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

PROPERTIES

Pourable, self levelling cement screed, for thicknesses of up to 10mm, that is fast setting and curing. It does not present any shrinkage cracks.

Distinguished for its high resistance to abrasion, compression, impacts and erosion.

Also distinguished for its strong adhesion to any mineral substrate, as well as its excellent rheology, workability and ability to be pumped.

Classified CT-C30-F6-AR2, per EN 13813.

APPLICATIONS

DUROSTICK D-65 is ideal for rapid levelling of concrete floors, cement screeds or existing mosaics to be coated with marble, tiles, vinyl flooring, carpet, hardwood flooring, pressed cement screed etc.

It yields a very smooth surface, which is able to remain as a finish surface for basement floors (pic.6), lofts, household storage rooms etc.

USE

1. Surface preparation

Make sure substrates are stable and firm, without cracks, gaps and free from loose materials, dust, oils, and grease.

The substrate should be primed using DUROSTICK micromolar stabilizer AQUAFIX or the acrylic emulsion D-20, diluted with water, at a ratio of 1:1, before applying the product.

The consumption of D-20 is 1lt/5m². Pour the product while the emulsion is still fresh.

2. Application:

Empty DUROSTICK D-65 into a clean container with cool water, at a ratio of 6.5lt of water to 25kg mortar, and mix with a low rpm electric mixer, until a lump free, homogeneous mass is created (pic.1).

Allow the mixture to mature for 1-2 minutes and mix again.

Starting from a corner (pic. 2), apply the product using a floor squeegee or a wide notched trowel, thus helping distribute the product evenly on the entire floor (pic. 3).

Remove any air bubbles using a wide, stiff street broom (pic. 4-5), or a spiked floor roller.

NOTES

- Use DUROSTICK D-64 self levelling cement mortar, for applications that need thicknesses up to 30mm.
- Do not use the product when it begins to set. The mixture should not get remixed with additional water.
- Protect the finish surface from frost and high temperatures while soaking for the next 24 hours.
- The product, after hardening, is harmless to health and the environment.

CLEANING

Clean all tools and equipment with water, immediately after use.

CONSUMPTION

Approximately 1.5kg/m²/mm thick coat.

PACKAGING

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



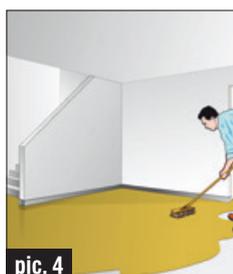
pic. 1



pic. 2



pic. 3



pic. 4



pic. 5



pic. 6