

DUROSTICK 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

DUROSTICK 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

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

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.

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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/m² /mm thick coat.

STORAGE

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

PACKAGING

Paper bag of 25kg on 1,200kg pallet

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| TECHNICAL SPECIFICATIONS (Measurement conditions 23°C and 50% R.H.) | |
|---|----------------------------|
| Form - Color | Cementitious mortar - Gray |
| Toxic | No |
| Maximum grain size | 1 mm |
| 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 | 1-10 mm |
| 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 | 24 hours |
| PRODUCT PERFORMANCES | |
| Flexural strength, per EN 13892-2, after | |
| 24 hours | 3.50±0.50 N/mm2 |
| 7 days | 6.00±0.50 N/mm2 |
| 28 days | 10.50 ± 0.50 N/mm2 |
| Compressive strength, per EN 13892-2, after: | |
| 24 hours | 11.50±1.50 N/mm2, |
| 7 days | 23.00±1.00 N/mm2 |
| 28 days | 35.50±1.00 N/mm2 |
| Adhesion to Concrete, per EN 13892-8, after | |
| 28 days | ≥ 1.80 N/mm2 |
| Abrasion resistance BCA per EN 13892-4 | 162±20µm. |



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