Rockfloor F10

Fibre-reinforced self-levelling compound, thickness up to 10 mm

Primers & Subfloors

Rockfloor F10

Fibre-reinforced professional self-levelling compound with quick hardening and drying, designed with low chromate content cement. Suitable for the laying of wooden floors, ceramic, marble and stoneware on deformed and irregular subfloors, and also for underfloor heating. It represents the right compromise between high fluidity, prolonged self-levelling time and ultra-fast drying. For indoors only. It has the fire reaction class $A1/A1_{fl}$.

Technical data at 20 °C, 60% r.h

Appearance	Grey premix
Maximum diameter of the aggregate	< 1.0 mm
Density of the powder	About 1200 kg/m^2
Density of the mix	About 2000 kg/m^2
Mixing water per 25 kg bag	5,5 – 6,0 litri (22 – 24%)
Yield	1.7 kg/m^2 per mm of thickness
Application temperature	Minimum +5 °C, maximum +30 °C
Pot-life	About 30 minutes
Ready for traffic	Minimum 12 hours
Waiting time before laying	12 hours for ceramics 24 hours for resilient coverings and wooden floors
Minimum applicable thickness	1 mm
Compressive strength	≥ 25.0 N / mm^2 C25 – EN 13892-2
Flexural strength	≥ 7.0 N / mm^2 F7 – EN 13892-2
Reaction to fire	Class $A1/A1_{fl}$ – EN 13501-1
Release of corrosive substances	CT – EN 13892-2
Storage	12 months, closed bag in a dry place
Tool cleaning	With water immediately after use
Packages available	25 kg bags

Certifications

Application rules

Rockfloor F10 can be used on traditional cementitious screeds, prefabricated and cast concrete, wooden floors and on residues of cementitious adhesives. Whatever the subfloor, it is still necessary to check that it is compact, clean, free from rising damp, degreased and free from detaching parts.
The cementitious subfloors must be stable, without cracks and must have already undergone the hygrometric shrinkage of maturation.

Subfloor preparation.

On absorbent and dry subfloors presenting an inconsistent surface, use Nano-fix to reduce and regulate their absorption. In case a deeper consolidation is to be carried out, use the water-based primer Primer TS or the primers Primer PU100, Toverfix and Adeblok T19.
In case of levelling on anhydrite screeds, check that they are dry, sanded and surface treated with Nano-Fix.
In case of levelling on damp or highly inconsistent screeds, treat the surface with a first coat of adequately diluted Toverfix or Adeblok T19 or Primer PU100 and finally spread the second coat of primer with fine sand until fresh.
Once the primer is perfectly dry, remove the non-anchored sand and proceed with levelling.

TOVER®

Made in Italy

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In the presence of non-absorbent subfloors or those with very limited absorption, however compact and well anchored, remove any pre-existing surface treatments (waxes, oils, etc.) and proceed with mechanical abrasion or applying the adhesion promoter Primer C4.

Preparation of the mixture

Pour a 25 kg bag of Rockfloor F10 into about 6,5 litres of clean water and mix with a low-speed mixer drill until a homogeneous and lump-free mixture is obtained. Leave the mix to rest for about 2-3 minutes and stir briefly before use.

Application

Rockfloor F10 can be applied in a single coat with an American trowel or squeegee. Then proceed to adjust the thickness which, for greater precision, can be carried out with the aid of a steel comb. Any air bubble, formed due to a subfloor with high absorption, prolonged mixing or high speed, can be purged with a spiked roller.
A possible second application of Rockfloor F10 must be carried out as soon as the previous one can be walked on (see times in the table) by applying a coat of Primer C4 as an adhesion promoter. If it is not possible to intervene quickly, it is necessary to wait about 5 days to carry out a second application. Also in this case it is necessary to apply Primer C4 as an adhesion promoter.

Note

- The addition of more water does not improve the workability of the product, but can instead cause an excess of shrinkage during maturation and compromise its final mechanical properties.
- Do not add other additives or binders to the mix.
- Low temperatures and high relative humidity can prolong the normal maturation times of the product. Protect from direct sun and drafts during the first 12 hours of ripening. At low temperatures, allow adequate air circulation in the first hours of ripening to prevent condensation from forming.
- Respect any expansion joints inserted in the substrate.
- For the subsequent laying of the wooden floor, apply levelling layers ≥ 3 mm thick.
- If you want to waterproof it, it must be done before levelling.

Safety rules

Product for professional use. Strictly respect what is stated on the labelling and consult the safety data sheet before using the product.

Disposal

Dispose of unused product and empty packaging in accordance with the provisions of current legislation

CE

EN 13813: 2002
Screed material for use inside buildings
CT-C25-F7

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