



Technical Datasheet



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PRONTOPP® Compound C

CALCIUM SULPHATE BINDING AGENT EN 13454-1 CAB-30 Item number: 01.411

Application area

Binding agent for producing conventional calcium sulphate screeds of strength class CA-C25-F4 and above.

For all types of screed in accordance with DIN EN 13813.

Screeds made using Prontopp® Compound C are able to take all commercial adhesives for floor covering and must not be exposed to long periods of moisture. If necessary, a damp-proof membrane in accordance with DIN 18195 must be used to protect against the penetration of dampness.

CHARACTERISTICS

Product description

PRONTOPP® Compound C is used as a binding agent to create a homogenous, easily processed, conventional calcium sulphate screed. The binding agent already includes all the necessary aids to ensure a comfortable processing of the fresh mortar and a reliable hardening.

Product properties

- Water-saving on account of plastification.
Low shrinkage behaviour enabling large bay sizes to be laid with a reduced number of expansion joints.
Accessible after 24 hours, partially loadable after 48 hours.
In the case of underfloor heating, functional heating can begin after just 4 days.
Reinforcement is not required either in the case of underfloor heating or under ceramic floorings.
Biologically friendly building product.

Product description

Table with 2 columns: Property and Value. Includes Shrinkage, Thermal conductivity, Thermal expansion, Light foot traffic, Loadable, Ready-to-lay.

Table with 2 columns: Property and Value. Includes Max. temperature of underfloor heating, Fire behaviour, Elasticity module, Basicity, Shelf life.

FEATURES





Forms of supply

Paper sacks with PE inserts: 25 / 30 / 40 kg
Big bag filling (upon request): 800 kg

CHARACTERISTIC DATA

Base materials

Use aggregates in accordance with DIN EN 13139.
Particle size groups 0/4 or 0/8 mm.

PROCESSING INFORMATION

Dosage

- 1.0 part PRONTOPP® Compound C is mixed with 3.0 to max. 4.5 parts by mass of aggregates, depending on the required strength (corresponding to 2.0 to max. 3.0 parts by volume).
- Maintain a water binding ratio of 0.40 - 0.45, whilst taking into consideration the water saving arising from the built-in plastification.
- PRONTOPP® Compound C already includes the necessary exciter.

Mix

All components should be mixed for approximately 2 to 3 minutes until a homogenous, workable screed mortar is achieved.

Aftertreatment

After accessibility the screed must be protected against draughts and direct sunlight for a period of three days.

Standards and testing regulations

- DIN EN 13454-1 anhydrite binding agents
- DIN EN 13139 aggregates for mortar
- DIN 18195 waterproofing of buildings and structures
- DIN EN 13813 screed material and floor screeds

INFORMATION

Comment

The raw materials we process and the products we produce are subject to strict factory inspections. Do not use additives from other manufacturers when using this product. It is stressed that our products and the procedure must be tested for suitability with your circumstances. The additive quality, mixing conditions and processing in accordance with the recognised rules of screed-laying technology are fundamental to the quality of the screed. As we have no control over the construction site conditions or the execution of the work itself, we cannot be held legally liable as a result of the information given in this leaflet. All previous versions of this leaflet shall become invalid with the publication of this provisional leaflet.