



PRONTOPP®

AZO Compound 2000 F

CALCIUM SULPHATE BINDING AGENT EN 13454-1 CAB-30

Technical
Data Sheet

Product description

PRONTOPP® AZO Compound 2000 F is used as a binding agent to create a homogenous, easily processed, anhydrite flowscreed. The binding agent already includes all the necessary aids to ensure a comfortable processing of the fresh mortar and a reliable hardening. The outside monitoring is carried out by the MPA Baden-Württemberg.

CHARACTERISTICS

Application area

Synthetic anhydrite binder for the production of laitance-free anhydrite flowscreed of strength class CA-C25-F4 and higher. Particularly suitable for bottle mix trucks (Readymix in concrete batching plants) or construction site mixing systems (two-chamber silos or mobile mixing trucks).

Product properties of anhydrite flowscreed on based on PRONTOPP® AZO Compound 2000 F

- Short installation time, high installation performance
- Homogeneous screed mortar, no further compaction necessary
- Low shrinkage for laying large areas with a low proportion of joints
- Fast setting and hardening gives high early strength
- Laitance-free screed surface
- No reinforcement required for heated screeds and under ceramic coverings
- Biologically friendly building product.

Technical specifications

Binding agent **PRONTOPP® AZO Compound 2000 F**:

- Pure density: 2.96kg/dm³
- Bulk density: ca. 1.2kg/dm³
- Strength class (DIN EN 13454): CAB 30
- Wet mortar reaction: alkaline
- Calcium sulphate content: ≥ 85M-%
- Shelf life: Approx. 12 months if stored properly and dry

FEATURES

Anhydrite flowscreed based on **PRONTOPP® AZO Compound 2000 F**:

- Flow (Hägermann): 23 ± 2cm
- Processing time: max. 3hours
- Shrinkage and swelling: ≤ 0.2mm/m
- Thermal conductivity: ca. 1.7W/mK
- Accessibility: depending on weather conditions after approx. 72hours
- Partial load capacity: after 5days
- Ready to receive final floor finish: Heated and unheated screed: ≤ 0.5CM-%
- Fire behaviour: A1 fl (non-combustible)

Forms of supply

Loose in silos





Base materials

Aggregates according to DIN EN 13139 of grain size 0/4 or 0/8mm close to the standard grading curve C8 must be used.

Consumption

Binder content* per strength class per 1 m³ of screed mortar:

- CA-C25-F4 > 530kg
- CA-C35-F5 > 580kg
- CA-C45-F7 > 620kg

*The exact amount of binder required depends on the aggregates used and the water/binder value. It is formulated by initial testing in our technical department.

Application

- Anhydrite flowscreed must generally never be applied to building components in contact with the ground without a downward moisture barrier.
- Calcium sulphate self-levelling screed based on **PRONTOPP® AZO Compound 2000 F** should be applied at an ambient temperature between + 5 °C and + 30 °C.
- Perimeter joints must be used for all installation types except bonded screeds. The compressibility of the perimeter joints must be at least 5mm. For larger areas, the compressibility must be correspondingly greater.
- Buffing must be carried out in a crosswise direction. The first buffing is carried out down to the lowest point, the second buffing close to the surface

Aftertreatment

The screed must be protected against draughts and direct sunlight for three days after installation (not including the day of installation).

Further processing

- Anhydrite flowscreed based on **PRONTOPP® AZO Compound 2000 F** hardens under normal building site conditions without the formation of a laitance. In this case, the system-related sanding by the screed installer can be omitted.
- The obligatory cleaning sanding in accordance with VOB Part C is an ancillary service of the subsequent work that is not to be remunerated.

Standards and test specifications

- DIN EN 13139: aggregate of mortar
- DIN EN 13454: calcium sulfate binder
- DIN 18560: Screeds in construction, parts 1 - 7

Comment

The raw materials we process and the products we manufacture are subject to strict factory controls. When using this product, no additives from other manufacturers may be used. We would like to point out that our products and the process must be tested for their suitability for the expected construction site conditions. As we have no control over the site conditions or the construction work, no legal liability can be derived from this data sheet. With the publication of this data sheet, all previous copies lose their validity.
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PROCESSING INFORMATION

GENERAL INFORMATION