

Technical datasheet.

casufloor rapid– screed additive

Product description

casufloor rapid is an accelerating additive for the casufloor AB30 syn anhydrite binder for manufacturing of conventionally mixed construction site screeds with earth-moist or plastic consistency according to DIN 18560. casufloor rapid significantly increases strengths, reduces the required amount of binders, accelerates the readiness for laying, and improves processing. The product is free from formaldehyde and can be used for formulation of very low emission screeds according to EMICODE®.

> Technical data and specifications

form	powder
basis	special binder with additives for reducing mixing water and improving workability
Specific weight (bulk density)	ca. 1 kg/dm ³
Yield/ Consumption	5-kg addition to a 200-liter mixing charge -for C20-F4: 2 bags (50 kg binder AB 30 syn *) -for C30-F7: 3 bags (75 kg binder AB 30 syn *)
Reaction to fire	building material class A 1, non-combustible

*) The stated information and processing instructions do not exempt the user from the obligation to check that our delivered products, together with the sand to be used, are suitable for the corresponding intended use.

> Logistics and safety notes

Commercial form	5-kg paperbags
Shelf life	when stored in a dry, cool and protected environment, casufloor rapid can be stored in bags for 18 months from the date of production. casufloor rapid is frost resistant
Safety notes	see safety data sheet

Information

This technical data sheet is intended to give advice to the best of our knowledge; it replaces any previous technical data sheets. The contents of this technical data sheet are not legally binding

Use in conventionally mixed construction site screeds

casufloor rapid is an accelerating additive for the casufloor AB30 syn anhydrite binder for manufacturing of conventionally mixed construction site screeds with earth-moist or plastic consistency according to DIN 18560 for base-bonded floor screeds, screeds laid on separated layer and floor screeds and heating floor screeds on insulation layers.

casufloor rapid offers the possibility for manufacture screeds in quality CA C20-F4 with only two bags anhydrite-binder and so it reduce the usual content of binder at 33%. So and by using specially developed additives the mortar receives a significant better workability and it reduces the amount of mixing water.

So it gives a time till use for man traffic of only 24 h. The readiness for laying (floor coverings, carpet, tiles e.g.) is reached by a moisture of $\leq 0,5$ CM-% for heating floor screeds and by $\leq 0,8$ CM-% for unheated screeds (measuring as per DIN 18560-1:2015).

By addition of casufloor rapid it works against the outcome (bleeding) of water on surface of screed and gives so a very homogeneous surface.

The drying time will be very reduced by a very low amount of necessary water for mixing and workability.

Dosing and instructions for use

Depending on the desired consistency, casufloor rapid should be dosed directly out of the 5 kg bag as follows before adding the binder:

- provide approx. 1/3 screed sand 0/8mm
- add 5 kg of **casufloor rapid**
- add anhydrite binder:
 - 2 bags of **casufloor AB30 syn** for CA C20-F4,
 - 3 bags of **casufloor AB30 syn** for CA C30-F7
- 10 litres of mixing water
- remaining screed sand 0/8mm
- remaining mixing water until target consistency is reached.
- Mix for at least two minutes!

For further information

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Please note

- Protect skin and eyes during application. After contact with the eye, rinse it thoroughly under running water for a sufficient period of time. In the case of noticeable aftereffects, consult an ophthalmologist
- Do not admix foreign material. Do not use with binding agents already including flow agents.
- Never dose casufloor rapid at a higher or lower dose than specified!
- Do not process at a subsurface temperature or ambient temperature below +5 °C or above +35 °C, respectively.
- Observe the generally accepted codes of practice during processing.
- Information for disposal: Completely emptied containers should be recycled via corresponding collection points.
- Protect screed surfaces from unfavourable weather conditions (strong sunlight, wind, driving rain, frost, etc.).

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