

# Technical datasheet.

## casufloor AB 30 syn – Calciumsulfat Binder

### Product description

*casufloor AB 30 syn* is a factory-mixed, quality-controlled synthetic calcium sulphate binder CAB 30 as per DIN EN 13454. *casufloor AB 30 syn* is used for house building in indoor areas for use in the production of conventionally mixed construction screeds with earth-moist consistency for use as bonded screed, screed on separating layer, on insulation layer and on underfloor heating.

### > Technical data and specifications

Standard	Calcium sulphate binder EN 13454 CAB-30
Compressive strength	≥ 30,0 N/mm <sup>2</sup>
Flexural strength	≥ 5,0 N/mm <sup>2</sup>
Hardening	can be accessed after approx. 3 days can be partially loaded after approx. 7 days Start for Heating up : after 7 days
Yield/ Consumption	Depending on the mixing ratio -for C20-F4 approx. 75 kg binder for 280 kg sand -for C30-F6 approx. 100 kg binder for 250 kg sand
Reaction to fire	building material class A 1, non-combustible

### > Logistics and safety notes

Commercial form	25 kg- paperbags
Shelf life	when stored in a dry and protected environment, <i>casufloor AB30 syn</i> can be stored in bags for 12 months from the date of production
Safety notes	see safety data sheet

> CE-Kennzeichnung



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CASEA-114 645  
EN 13454-1: 2004, CAB 30  
Calcium sulphate binder  
For use internally in buildings

reaction to fire	A1
pH	≥ 7
strength class	30
content of calcium sulphate	≥ 85 %
shrinkage and swelling	≤ 0,2mm/m

### 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

### Grounds

The bearing surface must be corresponding to all the requirements of applicable standards. The subfloor has to be clean, concrete and mortar residues must be removed. Larger unevenness must be corrected in advance. Piping and fittings are to be compensated in advance with appropriate materials.

For bonded screed, the ground must be sufficiently dry; the ground must be prepared using a suitable bonding primer.

Separating layers or the covering of the insulation layer must be laid in such a manner that the screed cannot run below the overlaps. If necessary, individual rooms must be assigned for working in sections. General is to ensure sufficient thickness of the wall insulation strip.

### Processing and processing time

*casufloor AB 30 syn* can be processed using all current screed machines, z. B. Mixokret, Estrich-Boy etc. Depending on the required screed's strength class *casufloor AB 30 syn* is mixed with suitable aggregates 0/8mm:

-for C20-F4 approx. 75 kg binder for 280 kg sand

-for C30-F6 approx. 100 kg binder for 250 kg sand

These figures are based on our experience and ensure expressly not attainable strength of the screed to. The processors are responsible for the strength of the screed through the selection of the aggregates, the mixing ratio and the definition of the consistency.

### For further information

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### Please note

- Protect the screed from draught during casting as well as 2 days after
- maximum areas of 200 m<sup>2</sup>, up to a maximum side length of 20 m
- Please observe the structure of the insulation layers as per standard
- Do not mix in foreign materials
- Please observe standard thicknesses
- Do not use at ground and ambient temperatures below +5 °C and above +35 °C
- Please observe the generally recognised codes of practice
- Provide for adequate sealing in areas in which water might splash
- Disposal considerations: GISCODE: CP 1; WHC: 1

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