



K-Sentials

IC021.de

Product Data Sheet

2023-11

Durhydrit F plus

High-quality K-Sentials flowing screed compound on the basis of thermal anhydrite

Product description

K-Sentials high-quality flowing screed compound on a thermal anhydrite basis for manufacturing calcium sulphate flowing screed factory-mixed dry mortar for truck mixers.

Mixer technology	Graining
Truck mixer	0 to 8 mm

Compound technical data

Compound technical data	Unit	Value
Classification acc. to EN 13454	–	CAB 30
pH value	–	≥ 7
Bulk density	g/l	Approx. 1120 – 1170

Technical data for a screed mix

Screed mix technical data	Unit	Value
Compressive strength following EN 13813	N/mm ²	≥ 25 (after 28 days)
Bending tensile strength following EN 13813	N/mm ²	≥ 5 (after 28 days)
Water / solid content ratio	–	Approx. 0.15
Hägermann slump flow	mm	Approx. 220 – 250
Initial setting time	min	approx. 300
Application/mortar temperature	°C	5 – 25
Walkable after	h	Approx. 24
Heatable after	t	7
Surface quality	–	If necessary, product-specific grinding required ¹⁾

1) Product-specific grinding may be required depending on the raw material. This does not apply to general sanding (cleaning process) of the screed surface directly before the top cover is applied

The defined technical characteristics stated above apply for a floor screed mortar mixture following EN 13454-2 consisting of:

33 % Durhydrit F plus and 67 % standard sand (CEN standard sand EN 196-1).

The strength is influenced, in particular, by the quantity of binder used, the ratio between water and solid content and the quality of the sand.

The examples listed does not replace the requirement for due diligence (obligation to test) in every individual application case by the user/customer.

Order information

Order information	Material no.
Bulk	534872

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All given data are reference values with tolerance due to source and production.
Determination method according to Knauf test procedure, can be asked for, if required.

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