



K-Sentials

IC023.de

Product Data Sheet

2020-03

Durhydrit M W

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

Product description

High-quality K-Sentials flowing screed compound on a thermal anhydrite basis for manufacturing calcium sulphate flowing screed with a mobile mixer and as factory-mixed dry mortar.

Mixer technology	Graining
Mobile mixer	0 to 8 mm
Factory-mixed dry mortar,	0 to 4 mm

Compound technical data

Compound technical data	Unit	Value
Classification acc. to EN 13454	–	CAB 30
pH value	–	≥ 7
Bulk density (bulk)	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. 150
Application/mortar temperature	°C	5 – 25
Walkable after	h	approx. 24
Heatable after	d	7
Surface hardness	–	No grinding ¹⁾

1) No product-specific grinding required, but does not apply to sanding (cleaning process) of the screed surface directly before the top cover is applied

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

33 % Durhydrit M W 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	534877
Big Bag	534875

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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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