



K-Sentials

IC007.de

Product Data Sheet

2020-03

Duralpha M 2011

High-quality K-Sentials flowing screed compound on an alpha hemihydrate basis

Product description

High-quality K-Sentials flowing screed compound on an alpha hemihydrate 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 – 1150

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. 240 – 260
Initial setting time	min	approx. 150
Application/mortar temperature	°C	5 – 40
Walkable after	h	approx. 24
Heatable after	d	3
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 % Duralpha M 2011 and 67 % standard sand (CEN standard sand DIN 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	534863

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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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