



K-Sentials

## IC015.de

Product Data Sheet

2020-03

## Duralpha F 2003

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

### Product description

High-quality flowing screed compound on an alpha hemihydrate 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 (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 <sup>2</sup>	≥ 25 (after 28 days)
Bending tensile strength following EN 13813	N/mm <sup>2</sup>	≥ 5 (after 28 days)
Water / solid content ratio	–	approx. 0.15
Hägermann slump flow	mm	approx. 240 – 260
Initial setting time	min	approx. 300
Application/mortar temperature	°C	5 – 32
Walkable after	h	approx. 24
Heatable after	d	3
Surface hardness	–	No grinding <sup>1)</sup>

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 F 2003 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	534867

#### Knauf Direkt

Technical Advisory Service:

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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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