



K-Sentials

## IC016.de

Product Data Sheet

2020-03

## Duralpha F 2201

High-quality 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. 230 – 250
Initial setting time	min	approx. 400
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 technical specification examples above apply for a screed mix following the EN 13454-2:

33 % Duralpha F 2201 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	534848

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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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