

Technical Data Sheet.

Raddipur – Calcium sulfate

Description of the product

Raddipur is pure calcium sulfate and it is produced as thermal Anhydrite based on FGD-gypsum. Raddipur is calcined in a circulating fluidized bed furnace; afterwards it will be fine milled. This production process ensures a high equality and a very low content of free lime.

Raddipur does not contain any additives.

The main application is calcium sulfate binder for floor screeds and the use in the building chemistry.

Information

This product data sheet is intended to give advice to the best of our knowledge; it replaces any previous product data sheets. The contents of this product data sheet are not legally binding.

> Technical data and specifications

content of CaSO ₄	> 92 %
content of SiO ₂	< 1,0 %
content of free CaO	< 1,0 %
content of Cl	< 0,01 %
loss on ignition:	< 0,3 %
particle density:	2,93 g/cm ³
bulk density:	≤ 1.200 g/l
Blaine:	> 3.000 cm ² /g
water requirement Remondis-test	0,30 – 0,37
consistency (Jolting table)	190 – 210 mm
initial setting time [min]	20-60 min (0,75 % K ₂ SO ₄)
final setting time [min]	70-140 min (0,75 % K ₂ SO ₄)
compressive strength 28 days	> 50 N/mm ²
flexural strength 28 days	> 8 N/mm ²

For further information

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> Logistics and safety notes

Commercial form	bag, Big-bag and bulk
Shelf life	given dry and protected storage, Raddipur can be stored up to 6 months after date of shipping
Safety notes	see MSDS

