

Raddipur – thermal Anhydrite

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.

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

Logistics and safety notes:

Commercial form: 25 kg 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.

Manufacturer CASEA GmbH, Germany

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