

# PRODUCT DATA SHEET

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## QUICKLIME 90

QUICKLIME 90 FINELY GROUND  
EN 459-1 CL 90-Q (R5, P1/P<sub>SV</sub>)

*Quicklime is produced by calcining high-purity limestone in a shaft kiln. Its advantages are high CaO content, low levels of unwanted impurities, excellent plasticity and a bright white slurry when mixed with water.*

### Composition:

- Calcium oxide CaO

### Relevant identified uses:

- building industry- production of masonry mortars, interior and exterior plasters and production of building materials
- agriculture - soil treatment, disinfection, fertilization, aeration of heavy soils
- water treatment (disinfection, softening)
- waste gas and pig iron treatment (Sulphur, HCl, ...)
- for disinfection and bleaching of residential and non-residential premises, farm buildings

### Packing:

- in bulk

### Delivery:

- in bulk - silo trucks, silo wagons
- packed - trucks, wagons (palletized, foiled)

### Shelf life:

- 3 months from the date of manufacture

### Specifications:

- harmonized standard: EN 459-1:2010, CL 90-Q

Parameter	according to EN 459-1:2010	declared values
CaO + MgO	≥ 90 %	≥ 94 %
from that MgO	≤ 5 %	≤ 1,0 %
CO <sub>2</sub>	≤ 4 %	≤ 3,5 %
Free lime content	≥ 80 %	≥ 89 %
Reactivity (R5)	t <sub>60</sub> < 10 min.	t <sub>60</sub> < 5,5 min
Fineness (P1) passing the sieve 2.00 mm	100 %	100 %
passing the sieve 0.20 mm	≥ 95 %	≥ 95 %
passing the sieve 0.09 mm	≥ 85 %	≥ 85 %
Soundness after slaking	pass	pass

*The manufacturer reserves the right to make changes to the technical data sheets. The data in the technical data sheet takes precedence over the data on the product packaging.*

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