

# PRODUCT DATA SHEET

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## QUICKLIME 80

### QUICKLIME 80 FINELY GROUND EN 459-1 CL 80-Q (R5, P1)

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

#### Packing:

- in bulk

#### 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

#### Delivery:

- in bulk - silo trucks, silo wagons

#### Shelf life:

- 3 months from the date of manufacture

#### Specifications:

- harmonized standard: EN 459-1:2010, CL 80-Q

Parameter	according to EN 459-1:2010
CaO + MgO	≥ 80 %
from that MgO	≤ 5 %
CO <sub>2</sub>	≤ 7 %
SO <sub>3</sub>	≤ 2 %
Free lime content	≥ 65 %
Reactivity (R5)	t <sub>60</sub> < 10 min.
Fineness (P1) passing the sieve 2.00 mm	100 %
passing the sieve 0.20 mm	≥ 95 %
passing the sieve 0.09 mm	≥ 85 %
Soundness after slaking	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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