

# PRODUCT DATA SHEET

## FeinKalk

### QUICKLIME 90

QUICKLIME 90, FINELY GROUND  
EN 459-1 CL 90-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

#### 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

#### Specifications:

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

#### Packing:

- packed in 25 kg bag

#### Delivery:

- packed - trucks, wagons (palletized, foiled)

#### Shelf life:

- 3 months from the date of manufacture indicated on the packaging

| 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.*