



Technical Data Sheet

Weißfeinkalk I

White fine lime I

Weißkalk EN 459-1 CL 80 – Q (R3, P1)

Composition

Weißfeinkalk I is a white lime CL 80 - Q according to EN 459-1. Weißfeinkalk I is a burnt, unslaked aerated lime. Hardening takes place by carbonation.

Application

- in road construction for soil improvement and - consolidation
- for the production of sand-lime bricks
- for the production of masonry and plastering mortar after absorption
- for sewage sludge conditioning
- in environmental protection
- for pH-value regulation

Special notes

For the approximate determination of binder quantities for soil consolidation and improvement, please refer to the table in the leaflet "Soil consolidation and improvement with binders" (2004 edition) published by the Forschungsgesellschaft für Straßen- und Verkehrswesen.

Delivery in

25 kg bags
Big-Bag
Containers
Silo vehicles

Storage

Can be stored for at least 6 months from the date of production if stored properly and in a dry place. Protect from moisture.
Due to fire hazard, do not store near highly flammable materials (e.g. straw, hay).

Technical data

CaO + MgO	approx. 82 %
SO ₃	approx. 0,4%
Bulk density approx	approx. 0,95 kg/dm ³
Reactivity t ₅₀ °C	approx. 5 Min.
Grinding fineness	
Residue > 0,09 mm	ca. 3 %

(corresponds to class 1 according to ARS No.7/2002)

Safety advice

Product reacts strongly alkaline with water, therefore: Protect skin and eyes, in case of contact rinse thoroughly with water, in case of eye contact seek medical advice immediately.

Quality monitoring

Weißfeinkalk I is continuously tested in our own laboratory as well as by a recognised testing institute within the scope of self-monitoring for compliance with its composition and properties. This ensures a consistent quality of the product. Weißfeinkalk I bears the quality mark "Baukalk" and is certified according to EN 459-1.