



Technical Data Sheet

Weißkalkhydrat II CL 90 -S

Hydrated lime
EN 459-1 CL 90 - S

Mixing ratio for ordinary mortars in volume parts

Masonry mortars

Mortar group	White hydrated lime	Cement	Sand
I	1	-	3
II	2	1	8
Ila	1	1	6

Plaster mortars

Pla	1	-	3,5 to 4,5
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Lime coatings

Hygienic lime coatings (e.g. for disinfection of stables)	2.5 kg with approx. 5 liters of water
Lime coatings	1.0 kg with approx. 4 liters of water

Composition

Otterbein hydrated lime II CL 90 – S is a white lime CL 90 - S acc. to EN 459-1. Otterbein White lime hydrate II CL 90 – S is a burned, slaked lime. Hardening is taking place by carbonation.

Application

- for treatment of waste water and sewage sludge
- binder for plaster and masonry mortars
- for manufacturing of lime coatings (lime paints and fillers)
- for adjusting pH-levels

Delivery

25 kg bag

Storage

Dry, if possible on wooden shelves and protected against draught. Storage time shall not exceed 3 months.

Technical Data

Ca(OH) ₂ + Mg(OH) ₂ :	approx. 96 %
Bulk density:	approx. 0,36 kg/dm ³
pH-level:	≥ 12
spec. surface according to BET:	approx. 18 m ² /g

Safety instructions

Product will react highly alkaline with water, thus: Protect skin and eyes, flush thoroughly with water in case of contact, immediately seek medical assistance in case of eye contact.

Quality-monitored production

Otterbein White lime hydrate II CL 90 – S is continuously monitored within the scope of self-monitoring in order to ensure adherence of specifications regarding composition and product characteristics both internally, in our plant laboratory, as well as externally, in an approved laboratory. This will ensure a consistent product quality. White lime hydrate II CL 90 – S is certified according to EN 459-1.