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# **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
1	1	-	3
II	2	1	8
lla	1	1	6
	Plaster mo	ortars	
Pla	1	-	3,5 to 4,5

# Lime coatings

Hygienic lime coatings (e.g. for disinfection of stables)

2.5 kg with approx. 5 liters of water

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)<sub>2</sub> + Mg(OH)<sub>2</sub>: approx. 96 % Bulk density: approx. 0,36 kg/dm<sup>3</sup> pH-level:  $\geq$  12

spec. surface according to BET: approx. 18 m<sup>2</sup>/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.

The information supplied in this technical data sheet is based on the know-how gained by our development department and on the collected experience from the field. A liability for the exact validity of the individual data cannot be derived there from, however, because differing processing requirements or processing methods are outside of our scope of influence. With respect to the quality of our products, we refer to the warranty given within the scope of our General terms and conditions. Our field service consultants will be ready to assist you in case of any further questions with respect to the application. We reserve the right to changes improving our products. Version 02-02-2023 (Substitutes all prior versions).