

LIKA FULL ECO

Decorative One-Coat Render- OC CS III W1



PRODUCT DESCRIPTION

LIKA FULL ECO is a white, water-repellent, one-coat render designed for mechanical application on exterior walls. It is classified as an OC CS III W1 mortar according to the NF EN 998-1 standard.

FIELDS OF APPLICATION

Permitted Substrates:

- RT2 and RT3 class substrates (concrete, brick, and concrete block masonry, etc.) as per DTU 26.1.
- Old masonry and other substrates: consult us.

Prohibited Substrates :

- Substrates not compliant with DTU 26.1.
- Horizontal Substrates.
- Substrates with low pull-off strength (RT1).
- Metal, painted, or plaster substrates.

PRODUCT CHARACTERISTICS AND PERFORMANCE

Application Characteristics :

Water-to-Powder Ratio	Approx. 21%
Time Between Coats	Fresh-on-Fresh application
Setting Time	10 to 15 min after application
Pot Life	Approx. 3 hours
Scraping Time	Approx. 4 hours
Average Applied Thickness	15 to 20 mm
Packaging :	25 kg bag / Pallet (1.6 T/ 64 bags)

APPLICATION

Substrate Preparation (DTU 26.1) :

- The substrate must be free of dust, oils, or non-adherent materials.
- Moisten the substrate in advance if necessary; it should not be saturated during application.
- For smooth concrete, apply a specific bonding primer (PRIMER CONTACT) beforehand

Application :



- LIKA FULL ECO is applied using a spraying machine in a single layer up to a thickness of 20 mm
 - The fresh mortar is applied in two passes (wet-on-wet) to ensure waterproofing of the masonry, avoid variations in appearance, and prevent the visibility of masonry joints.
 - The first pass (minimum 7 mm) is leveled and compacted with a straightedge but not smoothed to ensure proper adhesion of the second pass.
 - For thicknesses exceeding 20 mm, the render must be applied in multiple successive layers, with at least 24 hours between applications.
 - Finishing: Approximately 3 hours after projection, depending on climatic conditions and substrate type.
- Note:** LIKA FULL ECO can be mechanically mixed and manually applied, provided the mixing water content and mixing time are respected to achieve a homogeneous paste

PRODUCT ADVANTAGES

- Suitable for mechanical or manual application.
- Wide variety of finishes.
- Moderately water-repellent.
- Good adhesion to substrates.
- Excellent workability and flexibility.

Composition :

- Hydraulic binders: $\geq 350 \text{ kg/m}^3$
- Mineral fillers.
- Additives: stabilizing agents, mineral pigments, water-repellent agents.

Storage :

- 12 months in original sealed packaging.

Color :

- Natural White.



Performance of Hardened Render (EN 998-1):

Density	1.4 to 1.8
Compressive Strength	CS III
Adhesion Strength	$> 0.50 \text{ N/mm}^2$
Water Vapor Permeability Coefficient	6.4
Thermal Conductivity (λ)	0.750 à 0.800 W/m.K
Capillary Water Absorption	W1
Fire Reaction	A1
After Conditioning Cycles	• Adhesion $\geq 0.2 \text{ MPa}$ • Liquid Water Permeability $< 1 \text{ ml/cm}^2$

All values indicated in this technical data sheet are based on laboratory tests. They may be significantly modified by application conditions.



Consumption :

Varies depending on the substrate (type, flatness, roughness).
1 m² requires approximately 37.5 kg, i.e., one and a half bags.

Application Temperature: Between 5°C and 35°C.

Recommendation :

- Do not apply on frozen or thawing substrates, hot substrates, in direct sunlight, on saturated substrates, during heavy rain, or in strong winds.
- Wearing a mask and gloves is recommended.

LEGAL NOTICE

• The technical characteristics provided are average statistical values and may be updated without notice. This document is non-contractual, and no liability can be accepted for damage resulting from improper use.

REFERENCE DOCUMENTS

- EN 998-1 - DTU 26.1 - DTU 20.1 - EN1015-19
- EN 1015-21
- Test Report Applus+ No. 23/32308358