



# GECO LIME Finish

## BREATHABLE FINISHING SKIMMING COAT BASED ON NATURAL HYDRAULIC LIME

### GECO LIME - Finish

Breathable finishing skimming coat based on natural hydraulic lime

#### WHY CHOOSE IT

- Its carefully designed particle size allows for extra-smooth finishes.
- Waterproof and breathable, ideal for the rehabilitation of damp walls.
- The NHL 5 natural hydraulic lime makes it perfect for work on historic buildings.
- Soft and workable, it reduces application effort and time on site.
- Controlled hydraulic shrinkage minimises fissures and cracking.

#### MAIN USES

- Finishing skimming coat in dehumidification cycles, before applying breathable paint.
- Rehabilitation mortar (EN 998-1 R).

#### SUITABLE SUBSTRATES

- Concrete.
- Aerated concrete.
- Masonry and plasters of any kind.
- Terracotta, bricks, stone.
- Mortars of any type.
- Mineral materials in general, provided their water absorption is not excessive or completely absent.

#### PREPARATION

If the substrate is not sufficiently solid and cohesive, it must be repaired and reinforced with a suitable scratch coat. If release agents (dust, debris) or lubricants (greases, waxes, detergents) are present on the surface to be treated, carry out thorough cleaning and/or light abrasion, or use a primer. **Only breathable primers must be used**, which do not hinder the release of vapour from the walls to be rehabilitated. Pour  $\frac{3}{4}$  of the mixing water into a clean container, add the powder and mix for approximately 3 minutes using a slow-speed mixer, gradually adding the remaining mixing water until a homogeneous paste is obtained.

#### APPLICATION DATA

Aspect:	grey/beige powder
Maximum particle size:	0.5 mm
Open time:	20 minutes
Thickness per coat:	1 - 5 mm
Number of coats:	1
Yield:	1.5 kg/m <sup>2</sup> per mm
Fresh density:	1650 ± 50 g/dm <sup>3</sup>
Water:	5.0 - 5.5 L/bag (20% - 22%)
Mixing time:	3 minutes
Packaging:	25 kg bags
Application and curing temperature:	between +5 °C and +35 °C
Storage in a dry place:	12 months from date of production

#### APPLICATION

- Apply a first coat with a smooth steel trowel, embedding the alkali-resistant mesh laid in vertical strips overlapping by at least 10 cm.
- After at least 24 hours, apply a second coat and finish with a sponge float. A third coat is required in the case of very irregular substrates (> 15 mm) or to provide additional impact resistance.



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TECHNICAL CHARACTERISTICS EN 998-1 R	CHARACTERISTIC	PERFORMANCE	STD. REQUIREMENT
	Compressive strength:	CS II	Classes I-IV
	Dry density:	1600 ± 50 kg/m³	-
	Adhesion strength (on terracotta) and failure pattern:	≥ 0.50 MPa - pattern B (substrate failure)	-
	Capillary water absorption:	> 0.3 kg/m² after 24 h	≥ 0.3 kg/m² after 24 h
	Capillary rise:	< 5 mm	≤ 5 mm
	Water vapour permeability μ:	≤ 11	-
	Thermal conductivity:	< 0.25 W/mK	-
GENERAL PRECAUTIONS	Fire reaction class:	A1 (non-combustible)	A1-F
	<ul style="list-style-type: none"><li>· Do not carry out partial mixing and do not add additives or solvents other than clean water at ambient temperature.</li><li>· Do not use bags that are torn, previously opened or containing hardened or lumpy material.</li><li>· Do not add extra water to material that has already been mixed.</li><li>· While still fresh, the product must be protected from bad weather and from excessively rapid drying (by shielding it from direct sunlight and wind) for at least 48 - 72 hours after application.</li><li>· The data and times given here refer to controlled conditions of +21 °C and 65% R.H. Higher temperatures may accelerate them, while lower temperatures may slow them down and can stop them completely below +5 °C.</li><li>· Clean tools with water while the material is still fresh.</li></ul>		
All the indications provided in this technical data sheet are purely approximate and not binding for legal purpose. The data listed has been gathered from laboratory tests and it hence follows that in practical applications on building sites the final characteristics of the products may be subject to substantial variations depending on the meteorological conditions and the installation. The user must always check suitability of the product for its specific use, undertaking all liability implicit in and deriving from use of the product, as well as comply with all methods and instructions for use generally referable to "workmanlike" execution. Edilteco S.p.A. reserves the right to change the contents of this mechanical data sheet on its final judgements. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.			