

Tradilys Protect

Macroporous dehumidifying natural hydraulic lime NHL 3,5 mortar for remediating damp walls. Natural composition, highly breathable



+ Products

- Natural hydraulic lime mortar without cement
- Formulation adapted to the treatment of salts
- Very low capillary absorption allowing rapid evaporation of humidity
- Reduced consumption (coverage from 50 cm above humidity)
- Mechanical resistance adapted to heritage construction

Tradilys Protect is a natural hydraulic lime mortar intended for the rehabilitation of saltpetre and damp walls.

Description

- Traditional mortar for the rehabilitation of saltpetre and damp walls.
- It allows the realization of renders and bodies of plaster in the treatment of capillary rise and different salts (chlorides, nitrates and sulphates)
- Its specific adjuvantation gives it a flexibility facilitating its implementation
- Complies with DTU 26.1

Properties

- Soft and creamy mortar suitable for machine wash and manual application
- Adhesion to substrates optimized by the presence of lime

Associated products

- It can be combined with the following finishing products: Chaulys Color, Chaulys Blanche, all NHL products and lime mortar Cent%, Rénocolor, Tonachino and Centri Storicci.



Uses

- Treatment of interior and exterior walls, Tradilys Protect is intended to reduce capillary rise and salt migration.
- Manual and mechanical application - (DTU 26.1)

Composition

- Natural hydraulic lime
- Pozzolanic fillers
- Mineral fillers
- Specific addition

Implementation

- Moisten the substrates before application
- Make a rough coat with an average thickness of 0.5 cm (minimum 24 hours drying time)
- Apply a layer of 20 mm to 40 mm maximum of Tradilys Protect
-
- **Water dosage:** from 4.7 to 5.3 L of water for a 25 kg bag
- **Mixing time:** from 5 to 7 min
- **Consumption:** 12 kg/m² per cm of thickness

Acceptable media

- All substrates mentioned in the NF DTU 26-1 standard: (Masonry of bricks, rubble, clinker, stones jointed with a mortar of low resistance).

Media excluded

- Immersed masonry
- Gypsum (plaster)

Technical assistance

- At the start of the construction site
- Trainings

Performance

- Mortar resistance to compression: CS II

Performance table

Appearance	Clear beige powder
Occluded air UNE-EN 1015-7	> 20%
Traction resistance UNE-EN 1015-12	≥0,1 MPa
Failure type	B
Diffusion coefficient of water vapour	μ≤6
Capillarity 24 hours UNE-EN 1015-18	≥0.3 Kg/m ²
Thermal conductivity coefficient UNE-EN 1745	0,45 W/mK
Resistance to sulphates (90 d. solución 50 gr/l SO3Mg)	Without loss
Classification complies with UNE -EN 998-1	R CSII
Performance	12 kg/m ² per cm of thickness
Mixing water	20%±1 by weight

Reference documents

- DTU 26.1
- CE standard EN 998-1 Type R Class CS II

Material

- Plaster machine
- Cement mixer
- Basic Mixer

Conditioning

25 kg bag, 48 bags per pallet or 1.2 T