



CALCEPURA
La tradizione della calce.

MURATURA M10

natural hydraulic lime material NHL 3.5

CALCEPURA MURATURA M10 is a premixed non-shrink masonry mortar with guaranteed performance for indoor and outdoor use. Classified M10, it is made with CALCEPURA BINDING, selected limestone aggregates in controlled grain size and specific additives that improve workability.

PROFESSIONAL USE. UNI EN 998-2 COMPLIANT.

Thanks to the quality and value of CALCEPURA LEGANTE, the product is ideal for the construction of historic masonry or in the green building sector. CALCEPURA MURATURA has high water vapor permeability and limited reactivity to salts contained in masonry, contributing to improved living comfort.

ADVANTAGES: Compatibility with typical historic building materials.
Prevention of fungi and mold
High permeability to water vapor

WARNINGS: Protect surfaces from rain, runoff, frost, rapid drying or strong ventilation for at least 48 hours after application.

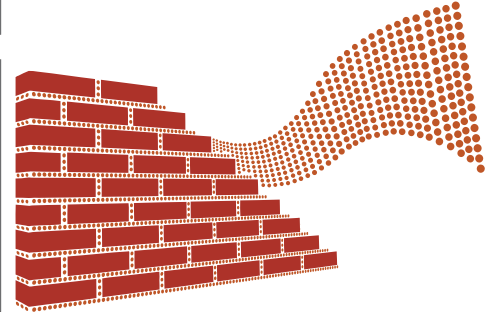
TECHNICAL DATA

Class	M10 according to EN 998-2
Colour	light hazelnut
Particle size	< 3 mm
Powder density mass (kg/m ³)	1650/1700
Apparent density mass of fresh mortar (kg/m ³)	1950
Hardened density mass (kg/m ³)	1800
Mixing water	15% - 17%(±1)
Mechanical resistance to compression (28dd) UNI EN 1015-11	≥ 10N/mm ²
Mechanical resistance to bending UNI EN 1015-11	≥ 5N/mm ²
Application temperature	+ 5 °C ÷ + 35 °C
Application time	Approx. 40 mins. (20 °C ÷ 25 °C)
Fire reaction	EUROCLASS A1
Water absorption	> 0,4 kg/(m ² .min ^{0,5})
Thermal conductivity (v.t. P=50%)	λ 0,83W/mK
Water vapour diffusion resistance factor	μ 15/35
Resistenza al taglio iniziale	0,15N/mm ²
Supply	25 kg bags (No. 64 sacks in pallet) - silo
Storage	In the original packaging and properly stored indoors in a dry place, the product retains its characteristics about 12 weeks.



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SUBSTRATE PREPARATION

Substrates must be solid and free of dust, grout milks, loose parts, oil stains, grease, paint, lime, plaster, and rust. Remove any crumbly and inconsistent parts of the masonry. Thoroughly wetting down particularly absorbent bricks, stones or bricks.

MIX PREPARATION

An ordinary inclined shaft concrete mixer or planetary mixer or drill mixer can be used to prepare the mixes. Moisten the inside surface of the concrete mixer, taking care not to leave water deposits inside. Add the indicated amount of pultia water to obtain a homogeneous mix, about 5.5/6.0 liters per bag. Allow the mix to rest for 5/6 minutes before placing.

APPLICATION

Use CALCEPURA MURATURA M10 as a normal masonry mortar, applying a thickness of more than 1 cm and less than 2.5 cm.

WARNINGS

Protect the product from rain, runoff, frost, rapid drying or strong ventilation for at least 48 hours after application. Do not apply for thicknesses less than 1 cm and more than 2.5 cm. Do not apply to plaster substrates, scagliola, painted substrates, wood elements, metal, plastic.

SAFETY INSTRUCTIONS

The provisions of Articles 10 and 14 and Annex V of Directive 1999/45/EC

Hazard symbol: Xi (irritant)

Risk phrases

- R 36 Irritating to eyes
- R 37 Irritating to respiratory system
- R 41 Risk of serious damage to eyes
- R 43 May cause sensitization by skin contact

Cautionary statements

- S2 Keep out of reach of children
- S22 Do not breathe dust
- S24/25 Avoid contact with eyes and skin
- S 26 In case of contact with eyes, wash immediately with plenty of water and consult a doctor
- S36/37 Wear suitable protective clothing and gloves
- S46 If swallowed, seek medical advice immediately a doctor and show him/her the contents and label.

The data and information contained in this sheet are the result of the knowledge available at the date of publication. Esincalce srl assumes no responsibility for damage to persons or property that may result from use of the product other than that for which it was intended. The sheet does not replace but supplements texts or regulations governing the activity of use. The user has full responsibility for the precautions that are necessary for his or her use of the preparation. For anything not listed, refer to the product safety data sheet.