



# CALCEPURA

La tradizione della calce.

## RASANTE

natural hydraulic lime material NHL 3.5

CALCEPURA RASANTE is a civil finish based on NHL natural hydraulic lime. Ideal mineral product for ensuring living comfort. **UNI EN 998-1 COMPLIANT.**

**ADVANTAGES**

- Excellent breathability
- Excellent workability
- Natural color

### USES

Uniforming preparation layer for fine civil finish decoration for interior and exterior surfaces of old and new buildings.

### SUBSTRATES

- Traditional plasters based on natural hydraulic lime
- Pre-mixed lime-cement based plasters
- Renovation plasters
- Lime-cement based bastard mortars
- Cocciopesto-based mortars

### DO NOT APPLY TO

- Gypsum substrates
- Synthetic coatings or paints
- Inconsistent, flaking or degraded plasters
- Substrates with irregularities greater than 4 mm

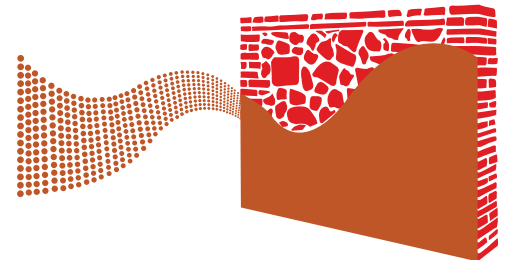
### TECHNICAL DATA

<i>Class</i>	According to UNI-EN 998/1 GP-CS II-W1
<i>Colour</i>	light hazelnut
<i>Particle size</i>	Minimun < 0,4 mm Medium < 0,6 mm Maximun < 1,2 mm
<i>Powder apparent density mass (kg/m<sup>3</sup>)</i>	1700
<i>Fresh mortar apparent density mass (kg/m<sup>3</sup>)</i>	1450
<i>Hardened density mass (kg/m<sup>3</sup>)</i>	1350
<i>Hardened density mass dry(kg/m<sup>3</sup>)</i>	1300
<i>Compressive strength (N/mm<sup>2</sup>) 28dd (UNI-EN 1015-11)</i>	> 2 N/mm <sup>2</sup>
<i>Mechanical resistance to bending (UNI-EN 1015-11)</i>	≥ 1,0 N/mm <sup>2</sup>
<i>FP Adherence (UNI-EN 1015-12)</i>	≥ 1 N/mm <sup>2</sup>
<i>Mixing water (kg/m<sup>3</sup>)</i>	34(±2)%
<i>Application temperature</i>	+5 °C ÷ +30 ° C
<i>Time required with electric whisk</i>	3 min
<i>Compound life time (pot life)</i>	3 h
<i>Waiting time for next layer application</i>	1 h
<i>Waiting time for troweling</i>	15 min
<i>Maximum application thickness</i>	approx. 2÷3 mm
<i>Waiting time for application of decorative products</i>	21 gg
<i>Fire reaction</i>	EUROCLASS A1
<i>Water absorption</i>	< 0,4 kg/(m <sup>2</sup> .min <sup>0,5</sup> )
<i>Thermal conductivity (v.t. P=50%)</i>	0,47 W/mK
<i>Water vapour diffusion resistance factor</i>	μ 5/20
<i>Supply</i>	25 kg bags (No. 64 sacks in pallet) - silo
<i>Theoretical consumption for 1 mm thickness</i>	1,3 Kg/m <sup>2</sup>
<i>Storage</i>	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 stable, strong and clean. In the case of old substrates, completely remove any synthetic treatments and carefully brush crumbly and inconsistent surfaces; in the case of new substrates made with mechanically projected premixes, remove any scraping or raking dust. Wet the substrates thoroughly before application, especially in the case of weathered plasters. In the case of new plasters, it is advisable to wait one day for each mm of plaster thickness before applying the skim coat.

## MIX PREPARATION

Always wet the substrate before application. Mix in a concrete mixer or with a low-speed mixer each 25-kg bag with about 7.5 liters of clean water and mix well until a homogeneous, lump-free mixture is obtained. Allow the mixture to rest for 10 minutes and then shake again.

### APPLICATION

Apply the mix with stainless steel trowel in the required thickness. The application is done in two coats with a 60-minute wait between the 1st and 2nd, finish with sponge trowel, moistening it, if necessary, with water until a uniform surface free of joints or overlaps is obtained. On renovation plasters, do not exceed a total thickness of 3 mm. Suitable for lime paints, renovation paint, acrylic-silicone paints and silicate paints (paying attention to the curing time of the substrate)

## WARNINGS

- Application temperature +5 °C ÷ +35 °C
- Do not apply in direct sunlight, strong wind or heavy rain
- Do not apply on frozen, thawing or frost-prone substrates within 24 hours after application
- Ready-to-use product: add only clean water in the amount indicated
- In case of uneven substrates, it is advisable to insert a thin coat-type mesh between the 1st and 2nd coats
- Wait until fully cured before applying decorative products

## 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.

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