

CHAUX PAVIERS LIME

- White
- High non hydraulic lime content

1/2

NATURAL HYDRAULIC LIME

FACADE ■ HERITAGE



DEFINITION

NHL2 natural hydraulic lime conforming to the NF EN 459-1 standard for building lime, for the production of:

- Bedding mortars for quarystone and clay brick masonry used in old buildings.
- Whitewash for spraying a priming coat on raw earth substrates.
- Mortar for intermediate rendering, repointing, finish render and decorative coatings.
- Lime washes.
- Injections to consolidate masonry.
- Batching: conform to DTU 20.1 and 26.1.

FINISH CHARACTERISTICS

- Varies according to the type of sand used.
- Finish render can be coloured by adding 15% by binder weight of natural earth colours when mixing.

SUBSTRATES

For a Chaux de Paviers lime-based mortar

SUITABLE SUBSTRATES

- Loam, adobe, clinker, cob and freestone.
- Old masonry bedded with weak mortar (DTU 26.1).
- Masonry rendered with traditional mortar conforming to DTU 26.1.

UNSUITABLE SUBSTRATES

- Renders exclusively consisting of non hydraulic lime or gypsum plaster, paints and thick plastic coatings.
- Light renders which are mechanically weaker than traditional renders.
- Exposed substrates at an angle of more than 10° from the vertical.

SPECIFICATIONS

Performances

- NHL2.
- Clarity index: $L^*92\pm 2$.
- Free lime rate: $36\%\pm 2$.
- Apparent density: approx. 570 kg/m³
- Setting time at 20°C: over 3 hrs on standardised mortar.
- Compressive strength at 28 days: 1 to 3 MPa (according to batching of binders between 200 and 450 kg/m³)

**All values quoted are average values calculated from laboratory results obtained using standard procedures.*

CHAUX DE PAVIERS LIME-BASED MORTARS

INSTRUCTIONS

Substrate preparation

- Sound, clean, dedusted and dampened. For raw earth substrates: do not dampen - apply a CHAUX DE PAVIERS whitewash.
- Replace loose parts, repair cracks and if necessary, treat rising damp due to capillary action.
- Conform to the recommendations of DTU 26.1.

Equipment

- Manual application: flexible steel tools, trowel and float.
- Mechanical application: hand-held plastering machine.

Product preparation

- Water content: variable according to the batching of binder and sand.
- Mixing time in concrete mixer: 5 to 7 minutes.

PAREXLANKO

NATURAL HYDRAULIC LIME

APPLICATIONS FOR CHAUX DE PAVIERS LIME-BASED MORTAR

Examples of batching for rendering old masonry

• Priming coat (400 - 450 kg/m³)

CHAUX DE PAVIERS LIME

0/5 SAND

30 kg (approx. 50 L) + 60 litres + 10 litres = 70 litres

+ mixing water and mix to the consistency of a runny paste = priming coat batched to approximately 450 kg/m³ (according to characteristics of the sand)

• Intermediate render or pointing mortar (300 - 350 kg/m³)

CHAUX DE PAVIERS LIME

0/3 OR 0/5 SAND

30 kg (approx. 50 L) + 60 litres + 10 litres + 10 litres + 10 litres = 90 litres

+ mixing water and mix to the required consistency for application = mortar batched to approximately 350 kg/m³ (according to the characteristics of the sand)

In order to apply a finishing coat of PAREXAL or PARLUMIERE, create an intermediate render batched to 350 kg/m³ minimum and allow to harden for at least 7 days

• Finish render mortar (250 - 300 kg/m³)

CHAUX DE PAVIERS LIME

0/3 OR 0/5 SAND

30 kg (approx. 50 L) + 60 litres + 10 litres + 10 litres + 10 litres + 10 litres = 100 litres

+ mixing water and mix to the required consistency for application = mortar batched to approximately 280 kg/m³ (according to the characteristics of the sand)

• Lime wash

CHAUX DE PAVIERS

+ WATER

1 VOLUME + 1 VOLUME

• Bonding of roof tiles

CHAUX DE PAVIERS LIME

SAND

1 VOLUME + 1 VOLUME

• Bedding of masonry

LIME CEMENT MORTAR

(to be adapted to the type of stone)

INSTRUCTIONS FOR USE

- Product intended for use by professionals.
- Protect face walls from wind, sun, rain, fog and spray throughout the entire duration of the works using a protective screen.
- Conform to DTU 26.1 and DTU 20.1.
- Risk of severe eye injuries: protect the eyes. In the event of contact, rinse IMMEDIATELY with copious amounts of water and consult a specialist. Wear gloves and protection for the eyes and face.

PACKAGING

30 kg bag: 2-ply paper and 1-ply polyethylene.
1.2 tonne covered disposable pallet.

SHELF LIFE

12 months from the date of manufacture in its original packaging, unopened, and stored protected from the damp.

WARRANTY

■ Manufacturer's P.L.

REFERENCE DOCUMENTS

- NF EN 459-1
- DTU 26.1.
- DTU 20.1.

The purpose of this data sheet is to provide information on the properties of the product. The information herein is based on our current knowledge. It is up to the user to check on the suitability of the product for the desired usage and to check whether this sheet has been replaced by a more recent edition.

TECHNICAL ASSISTANCE: ParexGroup S.A. provide information and assistance to companies that request it for starting a project in order to clarify specific requirements for the implementation of the product (or process). This assistance cannot be assimilated into either the design stage of the project, or the acceptance of the substrates, or to a check on the implementation rules.

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