

CHAUX DE PAVIERS



1/2



PRODUCT FEATURES

- ▶ 100% natural
- ▶ Very white
- ▶ Cement-free and additive-free

MACHINE MIXING TIME

- ▶ 5 to 7 minutes

REFERENCE DOCUMENT

- ▶ NF EN 459-1

DESCRIPTION

- Natural hydraulic lime (NHL 2) compliant with European Standard EN 459-1 pertaining to lime for construction purposes:
 - Mortars for laying random stone, coursed stone and brick masonry or for use as a re-pointing mortar.
 - A limewash to spray as a key coat on raw earth substrates.
 - Mortar for creating a base coat and for creating finishing and decorating layers.
 - Injection mortar to consolidate masonry.
 - Dosage: comply with DTU 20.1 and 26.1.

FINISH OPTIONS

- Variable according to sand used.
- Can be coloured on site during the mixing process, by adding natural colouring at a rate of 15% per binder weight.
- Very white

USES

For mortars made up with **CHAUX DE PAVIERS**:

PERMISSIBLE SUBSTRATES

- Old masonry including quarry stone, brickwork and natural stone (hard, firm and soft dressed with low-resistance mortar) (DTU 26.1)
- Pisé (rammed earth), adobe, cob, witchet, clinker, hemp
- Masonry coated with traditional mortar compliant with French DTU 26.1

NON-PERMISSIBLE SUBSTRATES

- Renders made exclusively from hydrated lime or plaster, paints, thick synthetic coverings.
- Lightened hydraulic renders with lower mechanical resistance than traditional renders.
- Exposed vertical substrates with a backward incline above 10° (a backward incline may affect water run-off and may have a tendency to retain moisture).
- Water-resistant substrates.

PERFORMANCE CHARACTERISTICS

- **NHL2**
 - **Luminance factor:** L* 92.6
 - **Free lime content:** 42 % (EN 459-1: > 25 %)
 - **Apparent density:** 650 kg/m³
 - **Initial setting:** > 5 hours 30 min
 - **Compressive strength at 28 days:** 4 MPa (EN 459-1: 2 MPa < R < 7 MPa)
- All of the above mentioned values are average results of standardized laboratory procedures.

INSTRUCTIONS

SUBSTRATE PREPARATION

- Sound, clean, dust-free and dampened.
- Replace loose elements, refill cracks and, if necessary, treat rising damp.
- Comply with building regulations in force (e.g. for France, DTU 26.1).

EQUIPMENT

- **Manual application:** flexible steel tools, trowel, float.
- **Mechanical application:** spraying pot, coating machine, jointing machine.

PRODUCT PREPARATION

- Use pure, clean sand.
- Water content: varies according to applications and sand content.
- Mixing time in cement mixer: 5 min to 7 min.

CHAUX DE PAVIERS

2/2

PACKAGING

- ▶ 25 kg bag
- ▶ Pallet containing 49 bags (1 225 kg)

STORAGE

- ▶ **12 months** from date of manufacture if stored in unopened original packing in dry conditions

WARRANTY

- ▶ Manufacturer's liability

■ DOSAGE RECOMMENDATIONS PER 10-LITRE BUCKET (FRENCH DTU AND PROFESSIONAL RULES 20.1, 26.1, 52.1, 40.22, 40.23)

Application	Recommended dosage (kg of lime / m ³ of sand)	CHAUX PATRIMOINE	SAND
Dash-bond coat	400-450 kg/m ³	1 bucket	1-1.5 bucket
Intermediate rendering	300-350 kg/m ³	1 bucket	2-2.5 buckets
Top coat rendering	250-300 kg/m ³	1 bucket	2.5-3 buckets
Sealing of roofing elements	300-350 kg/m ³	1 bucket	2-2.5 buckets
Limewash	1 part lime for 1 part water		
Assembling masonry	Mix with cement, adapting content to stone type		

■ SAND DOSAGE CALCULATION TABLE

Recommended dosage (kg of lime / m ³ of sand)	DOSAGE FOR 1 BUCKET OF CHAUX PATRIMOINE		DOSAGE FOR 1 BAG OF CHAUX PATRIMOINE	
	CHAUX PATRIMOINE	SAND number of 10-litre buckets	CHAUX PATRIMOINE	SAND number of 10-litre buckets
200 kg/m ³	1 x 10-litre bucket of CHAUX DE PAVIERS	4 buckets approx.	1 x 25 kg bag of CHAUX DE PAVIERS = 38 litres, i.e. 4 x 10-litre buckets approx.	15 buckets approx.
250 kg/m ³		3 buckets approx.		11 buckets approx.
300 kg/m ³		2.5 buckets approx.		9 buckets approx.
350 kg/m ³		2 buckets approx.		7 buckets approx.
400 kg/m ³		1.5 bucket approx.		6 buckets approx.
450 kg/m ³		1 bucket approx.		5 buckets approx.

TECHNICAL ASSISTANCE: ParexGroup S.A. will, on request, provide information and assistance to companies in relation to the specific use of a product. Such assistance shall not be assimilated with structural design and conception, nor the compliance of substrates, nor as a control of usage rules in force.

TECHNICAL DATA SHEET ISSUED - September 2017

The information provided in this document results from our knowledge of the products and our experience. Prior to application, customers and users are requested to check that they are in possession of the latest version of this document. Please check for updates at www.parexlanko.com

PAREXGROUP S.A. 19 place de la Résistance - CS 50053
92445 Issy-les-Moulineaux Cedex - Tél. (33) 01 41 17 20 00
Technical information : 0 826 08 68 78 (0.15 €/min + phone call price)

PAREXLANKO

PRECAUTIONS

- For professional use only.
- Protect façades from wind, sun, rain, fog and sea-mist throughout the preparation and application process.
- Use and application of CHAUX DE PAVIERS must be performed in compliance with DTU 20.1 and 26.1.
- Risk of severe ocular lesions; take care to use suitable personal protection especially for the eyes and hands. In the event of skin contact, rinse immediately and thoroughly with clean water and seek expert medical advice.
- Please refer to the relevant Safety Data Sheet.