



# CHAUX DE WASSELONNE

Pure Wasselonne NHL 2  
natural hydraulic lime



konstruktive • **leidenschaft**



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**PRODUCT DESCRIPTION**

CHAUX DE WASSELONNE is a pure natural hydraulic lime NHL 2 certified according to EN 459-1, obtained by baking calcareous marl of Wasselonne (France), with no external elements added to modify the specific natural composition. The pure binder is suitable for the preparation and bagging on site of natural mortar for building walls, extremely breathable ecological plaster, finishing plaster, injection mortar, whitewashing, foundation screeds etc. For its natural colour and characteristics, it is particularly suitable for work on historical and artistic buildings or for green buildings.

**COMPOSITION**

CHAUX DE WASSELONNE is a pure natural hydraulic NHL 2 lime.

**MIXING AND APPLICATION**

CHAUX DE WASSELONNE must be mixed on site with a consumption of 350-450 kg per m<sup>3</sup> with clean water and selected aggregates that are washed, free of organic substances and gauged according to a correct granulometric curve variable according to the type of mortar to be prepared. The mixture can be prepared manually or with a traditional cement mixer and must be mixed for about 2'-3' minutes until smooth and free of lumps.

Plaster mortars prepared on site are suitable for adding mineral colours directly or finishing plasters based on natural hydraulic lime.

CHAUX DE WASSELONNE can also be used for consolidating microinjections of plaster or mortar, partially detached or, with correct water dilution like traditional paint.

**INDICATIVE AMOUNTS REQUIRED**

Depending on type of use.

**QUANTITY**

Tipologia	Dosaggio calce	Chaux de Wasselonne	Sabbia asciutta
Rough coat	400-450 kg/m <sup>3</sup>	1 bag	9-10 tubs
Plaster	350-450 kg/m <sup>3</sup>	1 bag	8-10 tubs
Finish	200-400 kg/m <sup>3</sup>	1 bag	9-17 tubs
Building mortar	250-450 kg/m <sup>3</sup>	1 bag	9-14 tubs
Mortar for fairfaced brick	250-300 kg/m <sup>3</sup>	1 bag	12-14 tubs

**COLOUR**

Beige.

**PACKAGING**

25 kg bags on disposable 1200 kg pallet (48 bags) protected by waterproof plastic wrap.

**STORAGE**

12 months in original intact packaging and stored in a dry place.

**RECOMMENDATIONS**

Do not apply at temperature below + 5°C or above + 30°C. Do not apply on frozen, dusty, uneven and inconsistent substrates. Do not apply to waterproof surfaces or areas that have been previously painted.

CHAUX DE WASSELONNE is a product with natural colouring and is therefore susceptible to slight variations in colour due to the advancement in the Marl limestone quarry where the natural hydraulic lime is obtained. Temperatures below + 8°C with a high percentage of relative humidity may cause superficial carbonation. The colour appearance may vary depending on environmental conditions during application.





**PRODUCT DATA**

Appearance	powder
Colour	beige
Dry bulk density	~ 550 kg/m <sup>3</sup>

**APPLICATION DATA**

Minimum application temperature	+ 5 °C
Maximum application temperature	+ 30 °C

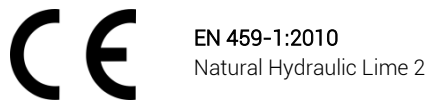
**PERFORMANCE DATA**

Residual mass at 90 µm	~ 7 %	EN 459-2
Residual at 200 µm	~ 1 %	EN 459-2
Expansion	< 2 mm	EN 459-2
Air content	~ 3 %	EN 459-2
Mortar penetration	~ 35 mm	EN 459-2
Free water content	< 2 %	EN 459-2
Setting time	~ 6 ore	EN 459-2
Compressive strength at 28 days	2.4 MPa	EN 459-2
Sulphates SO <sub>3</sub>	< 1 %	EN 459-2
Free lime Ca(OH) <sub>2</sub>	> 35%	EN 459-2
Dangerous substances	See SDS	EN 459-1

**CHEMICAL ANALYSIS**

CaO	55.6 %	EN 459-2
SiO <sub>2</sub>	11.1 %	EN 459-2
Al <sub>2</sub> O <sub>3</sub>	4.7 %	EN 459-2
Fe <sub>2</sub> O <sub>3</sub>	1.3 %	EN 459-2
MgO	3.2 %	EN 459-2

**ACCORDING TO**



**REMARKS**

**Product for professional use.** The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site [www.vimark.com](http://www.vimark.com).

