

# Tradi'chaux Wasselonne

Natural hydraulic lime render

## Field of Application

Tradi'chaux Wasselonne renders can be used both in renovations and in newbuild. Tradi'chaux Wasselonne can be applied manually or mechanically on supports of the same type as those on which traditional mineral renders are used, ie mainly:

- Masonry, concrete blocks or bricks with mortar composed of mineral binders,
- Mineral renders in accordance with standard P 15.201 (ref: DTU 26.1),
- Base coats like Tradi'chaux Gris or Tradi'chaux NHL.

## Composition

Tradi'chaux Wasselonne is an industrial blend of natural hydraulic lime, white Portland cement, river sands, additives and admixtures.

## Characteristics

Tradi'chaux Wasselonne is a ready to mix natural hydraulic lime render used as a decorative facade finish.

Tradi'chaux Wasselonne is applied by hand or by machine and can be finished in different ways. The plaster has the same beige tint as the Wasselonne lime. For the renovation of heritage buildings and constructions.

## Preparation substrate

The substrates must be stable, sound, clean and dust-free, free from all traces of organic matter. The supports must be purged of unstable elements. The friable joints will be removed. Tradi'chaux Wasselonne can be applied directly to the substrate. Heterogeneous walls will first be covered with Tradi'chaux Gris or Tradi'chaux NHL.

In hot, windy or dry weather, the substrates should be moistened a few hours before applying the coating. In the case of porous and absorbent substrates, they will be moistened the day before. During the installation of the mortar, and during its hardening phase, the ambient temperature, as well as that of the support, cannot be lower than +5 ° C, nor higher than +30 ° C. Avoid applying the render to a frozen wall, in the process of thawing or which may be subject to freezing in the hours following application.

## Preparation mixture

Mix mechanically in a tub, with a concrete mixer or use a spraying machine.

Maintain a constant mixing time throughout the project and respect the water dosage: 7 to 8 liters of water per 30 kg bag of Tradi'chaux Wasselonne.

Usage time: ± 1 hour. Mortar stiffened after setting time cannot be re-mixed or reused.

## Application

### 1. Sprayed finish

The minimum thickness of the first application should be 10 mm to 13 mm at all points.

This layer should be allowed to 'set' before application of the final coat, which will be obtained by spraying a second layer 3 to 5 mm thick. A crushed look can be obtained by passing a flexible trowel over the crests of the coating when still fresh.

### 2. Scraped finish

Apply the render in 1 or 2 applications with a total thickness of 15 mm, then smoothen, with a plasterer's trowel.

When the render starts to harden, it will be scraped uniformly with a scraping tool. After finishing, the total thickness should be at least 12 mm.

### 3. Fine textured, troweled finish

Spray on the first layer to a minimum thickness of 8 to 10 mm. After a curing period of ±2 hours, spray on a second layer to a thickness of ± 5mm, leveled with a plasterer's trowel. As soon as the coating has hardened, smoothen with a trowel or float. Do not wet the surface to get a smoother finish of surface as this may cause superficial cracking.

## Consumption

± 18 kg/m<sup>2</sup> per cm thickness



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## Technical data

Particle size distribution:	0 - 4 mm
Powder density:	$\pm 1,360 \text{ kg/m}^3$
Paste density:	$\pm 1,800 \text{ kg/m}^3$
Density of hardened plaster:	$\pm 1,560 \text{ kg/m}^3$
Water vapor diffusion coefficient $\mu$	$\leq 35$
Adhesion	$\geq 0,2 \text{ N/mm}^2$ - FP :
Water absorption	W0
Reaction to fire	A1

## Packaging

Tradi'chaux Wasselonne is packed in 25kg bags on 1,200kg covered Euro pallets.  
12-month shelf life in the original packing and protected from moisture.

## Classification

Tradi'chaux Wasselonne meets the specifications of DTU 26.1 section 11.4, "Application of coverings to old masonry".