

# Tradi'chaux Clair

heavy-lime coating

## Field of Application

Tradi'chaux Clair covering can be used for renovation or on new buildings.

Tradi'chaux Clair coatings can be applied directly to the support surface, using the 'one-coat' technique.

Tradi'chaux Clair can be applied by hand or machine on support surfaces of the same type as those used for traditional hydraulic coatings, mainly:

- Masonry of breeze block, concrete block or brick jointed with hydraulic binders
- White concrete compliant with standard P 18.210 (ref: DTU 23.1).
- Hydraulic coatings compliant with standard P 15.201 (ref: DTU 26.1).
- Gobetis (Cement'in C, Cement'in P).

## Characteristic

Tradi'chaux Clair is a heavy lime coating, ready to mix, designed to cover lumps, out-of-true spots, loose blocks and other elements spoiling the smoothness of a surface from 2 to 5 cm thick on facades.

Tradi'chaux Clair is applied in a 2 to 5 cm thick layer (spots of up to 8 cm are permissible) by hand or by machine.

For renovating property.

## Composition

Tradi'chaux Clair is a blend of heavy lime, cement, lime sand, silicon sands and additives.

## Preparation underground

Substrates must be stable, sound, clean and dust-free, and free of all traces of organic matter.

Support surfaces must be free of all loose matter. Crumbly joints must be stripped back.

Tradi'chaux Clair can be applied directly to the support surface.

Smooth concretes should be given a prior treatment with Canti'plus Fixenduit or Canti'plus High-Grip.

In hot, windy or dry weather, substrates should be moistened a few hours before applying the coating. Porous or absorbent substrates should be moistened the day before.

When laying mortar, and during the hardening stage, the ambient temperature, plus that of the support base, should be neither lower than 5°C nor higher than 30°C.

The coating should not be applied to a wall that is frozen, thawing or likely to freeze in the hours following application

## Preparation mixture

Mix in a trough, a concrete mixer or spraying machine.

Keep to a constant mixing time throughout the entire job and keep to the water dosage: 6 to 7.0 litres of water per 30 kg bag of Tradi'chaux Clair.

Use time: ± 1 hour

Mortar that has started to harden should not be remixed or reused.

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## Application

Apply in one coat 3 cm thick:

For thicknesses up to 5 cm, use a mesh.

An anti-alkali treated fibreglass with a mesh of at least 8 mm may be applied immediately as a lining using a smoothing tool, plasterer's knife or trowel into the Tradi'chaux Clair.

Apply a second coat 2 cm thick immediately.

A metal mesh with hexagonal or rectangular mesh may be fixed into the masonry using galvanised staples or boat-building nails before applying a coating as a single layer forced through the mesh of up to 5 cm: thick.

### 1. Sprayed looking and crushed looking finish

The minimum thickness of the first application can range from 10 mm to 40 mm.

This layer should be allowed to 'draw' to produce the grain, which should be obtained by spraying a second layer 3 to 5 mm thick. The crushed look is obtained by passing a flexible trowel over the crests of the coating when still fresh.

### 2. Scraped finish

Scraped look: Apply the covering in 1 or 2 applications, then smoothen, even and scrape with a plasterer's knife.

When the coating starts to harden, scrape it off uniformly using a pointed trowel or scraper.

### 3. Trowel finish

Spray on the first coat to cover the bare surface. After leaving it for ±2hours, apply a second coat of ±5 mm thickness, smoothen and even with a plasterer's knife. As soon as the coating has hardened, finish it off with a trowel.

## Consumption

± 18 kg/m<sup>2</sup> per cm thick.

## Technical data

Particle size distribution:	0 - 1.8 mm
Density:	± 1,300 kg/m <sup>3</sup>
Elasticity module:	± 6,000 MPa
Flexural strength:	greater than or equal to 2.0 MPa
Water retention:	± 90 %
Capillarity:	C 3

## Packaging

Tradi'chaux Clair is packed in 30 kg bags on 1,260kg shrink-wrapped Euro pallets.

12-month shelf life in the original packing and protected from moisture.

## Classification

Standard EN 998-1 compliant

Standard NFP 15-210 compliant. Ref. DTU 26-1