

# Granicem UL

one-coat covering mortar

## Field of Application

Granicem UL can be applied by hand or machine on support surfaces of the same type as those used for traditional hydraulic coatings, mainly

- Breeze-block or brick masonry compliant with standard XP 10-202 Ref: DTU 20.1.
- 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 C+G, Cement'in Meg).

Granicem UL coatings can be used for renovation purposes or on new buildings.

Granicem UL coatings can be applied directly to the support surface, using the 'one-coat' technique.

## Composition

Granicem UL is a blend of white Portland cement, aerated lime, lime sand, light mineral aggregates and additives.

## Characteristics

Granicem UL is a one-coat coloured covering, ready to mix, for waterproofing and decorating facades.

Granicem UL is available in 48 colours (see colour chart). Any other colour is available on demand

## 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:

- 6.5 to 7.5 litres of water per 30 kg bag of Granicem UL. Production Leeuw Saint Pierre (B)
- 6 to 6.5 litres of water per 25 kg bag of Granicem UL Production Châteaurenard (F)

Use time:  $\pm$  1 hour

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

## Application

Application on masonry:

1. Sprayed looking and crushed looking finish

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

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 (not for support surface exposed to blows or accessible to the public): Apply covering in 1 or 2 applications with a total thickness of 15 mm, 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. After finishing, the total thickness should be at least 12 mm.

3. Trowel finish

Spray on the first layer to a minimum thickness of 8 to 10 mm. After a waiting period of  $\pm$  2 hours, spray on a second layer to a thickness of  $\pm$  5mm, even it and smoothen with a plasterer's knife. As soon as the coating has hardened, finish it off with a trowel.

Applying to concrete or coverings:

The coating is now applied by way of decoration.

The final thickness will be 7 to 8 mm.

Whatever the appearance of the finish, there must be two applications on concrete.

Application must abide by the "general conditions for the application of one-coat waterproofing coverings" CSTB specification 2669-2

## Consumption

For a 13 mm finish:

Sprayed  $\pm$  15 kg/m<sup>2</sup>

Scraped  $\pm$  18 kg/m<sup>2</sup>

Trowelled  $\pm$  15 kg/m<sup>2</sup>

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## Technical data

Particle size distribution:	0 - 1.5 mm
Density:	± 1,050 kg/m <sup>3</sup>
Elasticity module:	± 3,600 MPa
Flexural strength:	>- 1.0 MPa
Water retention:	± 99%
Capillarity:	C 1

## Packaging

Granicem UL is packed

. B Leeuw st Pierre 1,200 kg per pallet in 30 kg bags on shrink-wrapped Euro pallets

. F Chateaufrenard 1,260 kg per pallet in 25 kg bags on shrink-wrapped pallets

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

## Classification

EN 998-1 compliant

Granicem UL MERUC classification: M2 E1 R2 U6 C1