



Batilys Lime Screed

Ready-to-use lime screed mix

Batilys Lime Screed is a ready-to-use lime screed that combines the heritage of traditional construction techniques with modern, easy application. It provides excellent durability, high water vapor permeability, and perfect compatibility with historic structures.

Application

Ideal for non-structural floors in heritage and traditional buildings. Batilys Lime Screed is specially formulated for screeds on lime concrete, lime-hemp concrete, or existing floors.

Composition

NHL 5 Socli + Sand 0/2,5 mm

Packaging

Big Bag 1 T

25 kg bag (40 bags / pallet)

Shelf life 1 year from the production date, provided it is stored in a dry environment.



Product advantages

- **Ready-to-use** – just add water
- **Consistent quality**
- Clean worksite
- Increased productivity
- Excellent **moisture regulation** and thermal performance
- Compatible with **historic buildings**



Substrate Preparation

Before starting work, check the cohesion of existing coverings, then clean and dust the surface. Moisten the substrate without excess before laying the screed and repeat if necessary. It is recommended to install a perimeter isolation strip and keep the substrate sufficiently damp to ensure good adhesion.

Application

Batilys screed is applied at a thickness of 3 to 10 cm, respecting flatness according to current standards, with contraction joints every 60 m^2 maximum.

The surface can be covered either by dry-sprinkle bedding or adhesive installation after at least 7 days of drying

For laying terracotta, natural stone, or reclaimed tiles, it is recommended to use the dry-sprinkle method progressively, using the same binder as in the screed. Tiles should be soaked in water for 24 hours before installation and then allowed to "drain." Tile leveling is done using a wooden board and mallet. The screed should include expansion joints every 15 m^2 , and final joints should only be made after at least three weeks.

Joint Work

Mortar mix for joints :

- Narrow joints ($2 \text{ mm} \leq j \leq 4 \text{ mm}$): 800 kg/m^3 – Sand 0/1
- Standard joints ($4 \text{ mm} \leq j \leq 10 \text{ mm}$): 700 kg/m^3 – Sand 0/2
- Wide joints ($\geq 10 \text{ mm}$): 600 kg/m^3 – Sand 0/4

Yield

Unit	Yield
Big Bag 1T	$8 \text{ m}^2/5\text{cm}$
1 bag	13l of limescreed
10 Bags	$2 \text{ m}^2/5\text{cm}$

Propriétés

Granulometry	0 - 2,5mm
Dry Density	1400 kg/m3

Open time: ~2 h 30

Initial setting: 3 h

Light foot traffic: after 3 days

Tile bedding (dry-sprinkle or slip method): max. 24 h

Adhesive tile installation: minimum 7 days

Water Dosage

Unit	Water
	2,5 to 3L of water
Big Bag	12% water by weight

Mixing: 3 à 5 mn

The mortar should have a "damp sand" texture, with very little water. It should be neither plastic nor runny. When squeezed in the hand, it should retain its shape without crumbling.