

MASSETTO DRENANTE

MASSETTO DRENANTE is a biocompatible draining screed, pre-packaged powder for interior and exterior use, according to standard UNI EN 13813. MASSETTO DRENANTE is free from cement or compounds belonging to the clinker group. It is made up of a mixture of pure mineral sands, screened with 1.5 to 3.5 mm continuous grain size arc without fine particles. The only present binder is the ST ASTIER Pure Natural Hydraulic Lime NHL 5 according to standard UNI EN 459-1. The lime NHL 5, white, is produced by baking siliceous limestones at temperatures below 1250°C and reduced in powder by only the breakdown of calcium oxide, without the addition of pozzolanic materials or hydraulic binders of any kind.

- Dehumidifying
- Environment Friendly
- Radon Free
- Restoration
- Breathable
- Resistant
- Cement Free
- Versatile
- Recyclable
- Healthy
- Antibacterial
- Anti-Condensing
- NHL 5
- Quick
- Reversible
- Easy
- Green Building
- Pollution Resistant



Features

MASSETTO DRENANTE is a draining screed, pre-packaged powder, biocompatible, free of salts, chemical and volatile organic compounds (VOCs). These features, combined with the total mineral nature of the components, guarantee the purity, non-toxicity, non-harmfulness and the total recyclability of the product in full respect for man and the environment. The aggregates that make up the MASSETTO DRENANTE are selected to exclude the fine parts ensuring a high content of gaps in the compacted conglomerate. This composition gives the material total permeability to water by eliminating capillary rising phenomena. The use of MASSETTO DRENANTE makes the subbases eco-friendly, giving a remarkable ability to drain the meteoric water and the problems associated with stagnation associated with it.

Fields of Application

MASSETTO DRENANTE is specifically designed for low draining screeds (minimum 3 cm) and high thicknesses. Particularly suitable for the realisation of flat floorings without the need to make them slope for water collection, thus allowing the use of various types of flooring. Also indicated for green covers. It is easily workable with the traditionally used techniques in the smoothing applications.

Application

The MASSETTO DRENANTE screed can be applied manually or with a pump and mixed only with 2 l of water per bag. DO NOT exceed the amount of mixture water. The consistency must be wet soil type. After the preparation of the level bands you will proceed with the casting of the mixture, suitably consolidated, to fill the background. To straight edge and float the surface in a multilayer system. Wait for full curing.

Technical Data

PRODUCT TYPE: Concrete for draining screeds complying

GRAIN SIZE CURVE (EN 1015-1) 1.5 - 3.5 mm

pH OF THE MIXTURE > 12.5

FRESH MORTAR APPARENT DENSITY (EN 1015-6) 1950 kg/m³

DRIED MORTAR APPARENT DENSITY (EN 1015-10) 1800 kg/m³

COMPRESSIVE STRENGTH (EN 1015-11) 10 MPa

THICKNESS > 3 cm

DRAINAGE CAPACITY > 600 l/minute/m²

VOID PERCENTAGE > 40%

PEDONABILITY 24/48 hours after laying

FLAME RESISTANCE (EN 13501-1) A1 class

INITIAL SETTING TIME AT 20°C 65% U.R. 13 h

FINAL SETTING TIME AT 20°C 65% U.R. 22 h

MIXING WATER 2 l per bag

CONSUMPTION 18 kg/m² about for 1 cm thickness

PACKAGING 25 kg bag

PALLET 48 bags, 1200 kg

STORAGE keep in dry place for 18-24 months in original package

APPLICATION TEMPERATURE from + 5°C to +32°C

REACH CLASSIFICATION See SDS