

PLASTERS AND FINISHES



AVAILABLE IN 25 KG BAGS

DESCRIPTION

Stabilitura Naturale Traspirante Plus is a mineral coating based on natural hydraulic lime, designed for the protection and breathable conservative restoration of civil plasters and natural dehumidifying systems. A specific formulation with high permeability to water-vapour diffusion, suitable for producing surface finishes on natural plasters with a sponged or trowelled civil appearance. Thanks to its natural properties and colour it is particularly suited to work on buildings of historic and artistic interest, or to eco-compatible building projects.

COMPOSITION

Premixed mineral product based on natural hydraulic lime, selected and suitably graded limestone aggregates, and specific additives that improve its performance in terms of workability, breathability and adhesion to substrates.

MIXING

Mix a 25 kg bag of Stabilitura Naturale Traspirante Plus into approximately 7.0–8.0 litres of clean water and blend with a low-speed paddle mixer until a homogeneous, lump-free mix is obtained. Leave the mix to stand for about 3 minutes and stir briefly before use. The mix so obtained can be used within 90 minutes of mixing. The product can also be used to advantage with continuous plastering machines.

APPLICATION DATA

- Mixing water: 28–32%
- Mix ratio: 1 bag + 7.0–8.0 L of water
- Minimum application temperature: +8 °C
- Maximum application temperature: +35 °C
- Working time: 90 minutes

PRODUCT DATA

- Appearance: powder
- Colour: light hazel beige
- Bulk density of the powder: ~1,150 kg/m³ — EN 1015-10
- Maximum aggregate size: 1.0 mm
- Indicative consumption: 3.0–5.0 kg per m²
- Packaging: 25 kg bags on pallets of 63 bags
- Storage: 12 months in the original undamaged packaging, protected from damp

PERFORMANCE DATA

- Bulk density of the fresh mortar: ~1,550 kg/m³ — EN 1015-6
- Bulk density of the hardened mortar: ~1,200 kg/m³ — EN 1015-10
- Adhesion: 0.40 N/mm² (FP) B — EN 1015-12
- Compressive strength: 1.0 N/mm² CS I — EN 1015-11
- Flexural strength: 0.4 N/mm² — EN 1015-11
- Capillary water absorption: Class A1 — EN 1015-18
- Water-vapour permeability coefficient: μ 10 — EN 1015-19
- Thermal conductivity: 0.47 W/mK (mean tabulated value; P=50%) — EN 1745, A.12
- Specific heat capacity: 1.0 kJ/kgK — EN 1745, A.12
- Reaction to fire: Class A1 — EN 13501-1
- Durability: assessment based on the provisions in force at the intended place of use of the mortar — EN 998-1
- Hazardous substances: see SDS — EN 998-1

NOTES

Product for professional use. The data and instructions given in this sheet, based on the best practical and laboratory experience, are in every case to be regarded as indicative. Given the varying conditions of use and the involvement of factors outside Senini's control (substrate, ambient conditions, technical supervision of the installation, etc.), anyone intending to use it is therefore required to establish whether or not the product is suitable for the intended use. Our warranty obligation is accordingly limited to the quality and consistency of the finished product, and exclusively to the data given above. Senini reserves the right to make technical changes without notice. This technical data sheet cancels and replaces every previous edition.

INSTALLATION

Stabilitura Naturale Traspirante Plus can be applied to any traditional mineral substrate and surface: traditional lime-based plasters, premixed plasters based on natural hydraulic lime, gauged mortars, renovating plasters and traditional bases, provided they are stable, sound and not friable. The substrates to be treated must be homogeneous, stable, clean and sound, free of weak parts, dust, bacterial growth, salt efflorescence, oils, greases, waxes and residues of previous work. If necessary, clean the substrate beforehand by pressure washing or sandblasting. Surfaces must be dry and free from — or adequately protected against — rising damp.

WARNINGS

Avoid application at temperatures below +8 °C, in strong wind or rain, in direct sunlight, or above +30 °C. Temperatures below 8 °C combined with high relative humidity can give rise to surface carbonation. In high temperatures it is advisable to dampen the substrate evenly with water before applying the skim. Avoid application on frozen, dusty, unstable or unsound substrates. Apply the skim in thicknesses of **2 to 8 mm per layer**. **Avoid direct application on substrates based on gypsum, fibre-cement, or expanded panels of mineral or organic nature.** The colour may vary according to the ambient conditions during application. The coloured product must be applied to homogeneous substrates. Always use the same quantity of water when preparing the mix, in order to avoid possible colour variation. On large surfaces, provide suitable breaks near joints or downpipes, or create suitable technical cuts. Avoid restarting work on the same wall after a time interval. Protect the applied product from frost, rain and rapid drying for the first 24 hours after installation. Stabilitura Naturale Traspirante is a naturally coloured product and is therefore subject to colour variation as quarrying progresses through the marly limestone from which the natural hydraulic lime is obtained.