



NANOSTUCCO BASE NAN58



ITEM SPECIFICATIONS

Hybrid skim coat for the preparation and regularisation of substrates, with very high performance and very high adhesion, specifically formulated as a base coat for textured finishes, also suitable for waterproofing with NANOSTUCCO 3D-MULTIFOIL.

THE PRODUCT



FOR WALL & FLOOR



PACKS OF 25 KG



FOR INDOOR & OUTDOOR



PACKS OF 20 KG



CEMENT BASED



PACKS OF 14 KG



TO BE APPLIED AT TEMPERATURE FROM 5°C TO 35°C



PACKS OF 10 KG



THIXOTROPIC MORTAR



MECHANICAL MIXING



FIBER REINFORCED



TO BE APPLIED WITH STAINLESS STEEL TROWEL



SLIGHTLY HYDROFUGED



USE PERSONAL PROTECTIVE EQUIPMENT

TECHNICAL CHARACTERISTICS

VERSATILITY

NANOSTUCCO BASE is a product for universal applications with very high adhesion on many materials. In combination with a glass fibre mesh, it also allows the consolidation of floor substrates. In combination with NANOSTUCCO 3D-MULTIFOIL, it can be used for continuous waterproofing of balconies and terraces.

WORKABILITY

Its ease of installation and its long open time make it the ideal solution for the creation of funds for material finishes, self-levelling etc.. Its formulation gives it a prolonged workability time while ensuring excellent performance in the first 24 hours. With the possibility of being covered with NANOSTUCCO material finishes from 6-12 hours later.

MECHANICAL RESISTANCE

NANOSTUCCO BASE is a skimming coat with hybrid technology, organic inorganic that allows it to reconcile low elastic modulus (and therefore deformability) with very high mechanical performance and above all ability to withstand impact stresses. With a high toughness that gives it a high resistance to wear. Even in minimum thicknesses of 1-2 mm.

- specific product for substrates for textured finishings
- very high performance
- good workability
- very high adhesion
- fiber-reinforced
- ideal as waterproofing membrane
- for floor and wall

* available on request

AREAS OF APPLICATION

INTERVENTIONS

- Grinding of irregular and non-planar cementitious screeds before applying the floor finish.
- Waterproofing of unplanar walls to even them out before the finish is applied.
- Waterproofing of balconies, bathrooms and swimming pools with a compatible waterproofing membrane.

SUBSTRATES

- Excellent on cementitious screeds, pre-cast or in-situ concrete, cellular concrete and heating floors.
- Excellent on cementitious plasters, masonry, cellular concrete.
- Specifically designed for laying and levelling NANOSTUCCO 3D-MULTIFOIL waterproofing membranes.

DO NOT USE

- on resin or cement tiles, stoneware, epoxy floors, deformable substrates, metal surfaces
- on rubber, PVC, wood, linoleum, insulation with film, non cementitious not compatible waterproofing membranes
- with natural stones subject to movement in the presence of humidity, bottoms subject to continuous rise in humidity
- on plaster and plasterboard not previously primed

LAYING

The substrate must be firm, mature and free of dust, oil, grease or parts not well anchored to the substrate.

Spread the mortar on the substrate with a spatula. Smooth the product well in order to obtain a homogeneous covering, pressing well to regulate the absorption of water and improve adhesion to the substrate. After a few minutes, you can proceed to the smoothing by means of the trowel.

For application with NANOSTUCCO 3D-MULTIFOIL, use NANOSTUCCO BASE as a simple adhesive. Then apply 2 coats of NANOSTUCCO BASE, pulling them to zero, waiting at least 24 hours between two coats.

APPLICATION ON NANOSTUCCO 3D-MULTIFOIL



APPLICATION OF THE SECOND COAT ON WALL



COMPLY WITH THE STANDARD

EN 998-1 GP CSIV W2

INDICATIVE DATA OF THE PRODUCT

Color/consistency: grey/powder

Solid content %: 100

Bulk density kg/l: approx. 1,68

Hazard classification according to 1999/45/EC: irritant
important to carefully read the instructions contained in this form, on pack and on Safety Data Sheet

Storage: 12 months in dry and ventilated environment

Packaging: 25 kg

Custom code: 3824 50 90

VALUES OF THE FINAL PERFORMANCE

Initial adhesion (EN 1015-12): $\geq 3 \text{ N/mm}^2$

Compression strength after 28 days (EN 1015-11): $\geq 25 \text{ N/mm}^2$

Flexural strength after 28 days (EN 1015-11): $\geq 7 \text{ N/mm}^2$

Water absorption coefficient due to capillary action (EN 1015-18) $\text{Kg/m}^2 \cdot \text{min}^{0.5}$: W2

Heat conductivity ($\text{W/m} \cdot \text{K}$) (EN 1745): 0,845

Water vapour permeability (μ) (EN 1745): 5/20

Operating temperature: $-30^\circ\text{C}/+90^\circ\text{C}$

Reaction to fire: A2

VALUES AND APPLICATIVE INFORMATION (AT 23°C AND 50% R.H.)

Water used for mixing: add $\approx 27\%$ of water on a part of NANOSTUCCO BASE

Pot life: ≈ 50 minutes

Consumption: $\approx 1,5 \text{ kg/m}^2$ per mm of thickness

Complementary products: NANOSTUCCO 500 -
NANOSTUCCO JOINT

Application temperature: $+5^\circ\text{C} / +35^\circ\text{C}$

Time between two coats: from 4 to 20 hours

Time before successive cycle: 24 hours

Set to light foot traffic: 24 hours

Ready to use: 7 days

PH of the mixture: > 11



Personal Factory s.p.a. IT03062550797
viale F. Ceniti 101 - 89822 Simbario - Italia

WARNING

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The requirements and the guidelines herein are to be considered purely indicative and corresponding to our everyday best experience. We therefore recommend carrying out the tests in order to verify that the product corresponds to what is actually required and expected. We, as producers, do not assume any responsibility about how, when and where our products are applied except for the constant quality of the material.