



NANOSTUCCO 700 CERAMIC NAN60

ITEM SPECIFICATIONS

One-component powder coating with ceramicising action. For finishes with a material effect, whether they are floors, walls, furniture, sanitary fixtures etc. are of high aesthetic value. With very high mechanical performances. Easy to lay.

THE PRODUCT



FOR WALL



PACKS OF 10 KG



FOR FLOOR



MECHANICAL MIXING



FOR INDOOR & OUTDOOR



TO BE APPLIED WITH STAINLESS STEEL TROWEL



CEMENT-BASED



TO BE APPLIED WITH SPATULA



COLORFUL



USE PERSONAL PROTECTIVE EQUIPMENT



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

TECHNICAL CHARACTERISTICS

NANOSTUCCO 700 CERAMIC is the finish of the NANOSTUCCO cycle which, in a single coat with very low thickness, allows the surfaces to be finished, coloured and protected. It gives the surfaces, whether they be floors, walls, washbasin, furnishings, shower trays, etc., very high mechanical resistance combined with a monolithic aesthetic result in full and deep tones, even very dark.

EASE OF INSTALLATION

Very easy to lay, it is a one-component, water-based product with a pot life of more than 6 hours at standard environmental conditions. It makes it possible to create large, continuous surfaces without joints. The very low viscosity combined with the use of spherical aggregates allows the trowel to roll over the grain, thus ensuring simple, low-fatigue laying. With an absolute covering power, it does not require the colouring of the substrate and is applied in just one coat, so much so as to reduce consumption to less than 500 g/m².

HIGH PERFORMANCE

Record-breaking performance. Although it is an elastic product with a low modulus of elasticity, its mineral and ceramic nature gives it very high resistance to compression, bending, scratching and abrasion and excellent adhesion to hundreds of different materials. Despite its very long pot life, NANOSTUCCO 700 CERAMIC can be finished with polyurethane protective agents after about 18/24 hours. Absolutely unalterable in contact with light, water or frost, it is a product suitable for application in aggressive environments such as swimming pools with sea water, bathrooms, wellness centers, shops and shopping centers.

- very high resistance to abrasion
- suitable for tinting
- opaque in one coat
- mineral with ceramising reaction
- for coloured finishes with full colours
- ideal for large areas
- textured appearance
- for walls, floors and furniture
- one-component, ready to use

* available on request

AREAS OF APPLICATION

- Mainly designed to decorate floors, walls and furniture with textured appearance
- Excellent indoors
- Ideal for commercial and civil use
- Guarantees good aesthetic quality
- Also on plasterboard after priming with NANOSTUCCO PRIMER
- Finishing on various surfaces: wood panels, MDF, ceramic, plasterboard, fibre cement, multilayer
- Finishing of swimming pools after waterproofing with a specific NANOSTUCCO cycle (NANOSTUCCO BASE+NANOSTUCCO 3D-MULTIFOIL)

DO NOT USE

rubber, linoleum, expanded polyurethane, non primed plasterboard, flexible cementitious waterproofing membranes, non cementitious waterproofing membranes (excluding the specific NANOSTUCCO cycle), in the presence of rising damp

LAYING

Before applying the product, check that the substrate is compatible, consistent, mature and free of dust, greasy oils, etc. If the substrate is inconsistent and crumbly, mechanically remove all the parts not well anchored and restore the substrate with ISOLPLANO RASO 50 with wire mesh. Depending on the type and quality of the substrate and the result to be obtained, prepare the substrate following the instructions of NANOSTUCCO application cycles up to one coat of NANOSTUCCO 500 in 300 µm grain size. In case of screed lesions, open them and fill them with NANOSTUCCO BASE.

Given the complexity of the formula and the high aesthetic value required, the part that requires most attention is mixing. The higher the energy, the longer the mixing time, the lower the probability of defects due to small lumps. Mix the product with 80% of the prescribed water with a high-speed propeller mixer for a minimum of 3 minutes, pouring it into the powder in order to obtain a hard mixture. Continue to mix for another 2 minutes adding the remaining water until you get a smooth and lump-free mixture. Let the product rest for about 10/15 minutes before application to ensure optimal hydration of all the elements in the product and stir again for about one minute. If the surfaces are high, we recommend mixing the product in batches of 4/6 buckets at a time. The mixture lasts from a minimum of 4 to a maximum of 8 hours, depending on the temperature.

The application must be done by means of a stainless steel spatula/fractice or a plastic spatula/fractice, in one pass with a thickness of about 0.3/0.5 mm. It can be applied in several coats, either fresh on fresh or after days. In case of floor application, it is always advisable to protect the finish with NANOSTUCCO SHIELD in order to make it easily washable.

APPLICATION ON WALL



APPLICATION ON WALL



COMPLY WITH THE STANDARD

European Norm N.C.

INDICATIVE DATA OF THE PRODUCT

Color/consistency: colorful/powder

Solid content %: 100

Bulk density kg/l: approx. 1,55

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

Compression strength
granulometry from 0 to 500 micron
(after 28 days): $\approx 45 \text{ N/mm}^2$

Flexural strength
granulometry from 0 to 500 micron
(after 28 days): $\approx 10 \text{ N/mm}^2$

Abrasion resistance
with Taber abrader (0-500 micron)
(strips S42; 1.000 g; 3.000 rpm) (EN 5470): $<0,5 \text{ g}$

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

Water used for mixing: add approx. 35% of water on a part of
NANOSTUCCO 700 CERAMIC

Pot life: 4-8 hours

Consumption: approx. 0,5 kg/m² per coat

Complementary products: NANOSTUCCO BASE -
ISOLMIX RASOCOL 600 -
NANOSTUCCO 500 -
NANOSTUCCO SHIELD

Application temperature: + 5°C / + 35°C

Time between two coats: > 2 hours

Time before finishing: 24/48 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

v1.2 - 102019

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.