

NEPTUNUS INTONACO DI FINITURA

DEHUMIDIFYING LEVELLER

code 9480180

DESCRIPTION

NEPTUNUS INTONACO DI FINITURA is a fine-grained mortar to finish off dehumidifying mortars in the restoration of surfaces damaged by rising damp or the formation of saltpetre earth.

The high breathability of water vapour, together with its strong water repellence, render NEPTUNUS INTONACO DI FINITURA particularly suited to finishing off mortar work effected in restoration work:

- on socles in buildings with the aim of preventing rising damp and efflorescence;
- indoors for the dehumidification of rooms that are particularly damp (cellars, basements) or subject to condensation;
- on facades subject to strong winds and freezing and thawing;
- as a complementary treatment to damp-proof courses.

INSTRUCTIONS FOR USE

May be applied to:

- Surfaces made of NEPTUNUS INTONACO DEUMIDIFICANTE dehumidifying mortar, code 9480170.
- Old mortars, as long as these are free of paint and/or coverings.
- Pre-mixed lime and cement-based mortars and compound lime-based mortars.
- Earthenware mortars.
- May not be applied to concrete, crumbling or unstable surfaces.

TECHNICAL SPECIFICATIONS

- Type of Binder: Modified hydraulic with specially selected inert additives.
- Specific gravity of mix UNI EN ISO 2811-1: 1.6 ± 0.05 kg/l
- Appearance: grey powder
- Air content: about 20%
- Water permeability per UNI EN 1062-3: medium, $w = 0.25$ kg/m²h^{0,5}
- The mixture can be used for 3 hours.
- The drying time depends a great deal upon the temperature and humidity of the surroundings and surface treated, which must in all cases not be painted before 20 days have elapsed, ensuring that it is perfectly dry before doing so (absence of patches of damp).

PREPARING THE SURFACE

Walls:

- The wall must be stripped of all mortar.
- Where there is damp, remove the layer of old mortar to about 50 cms above the layer of evident damp.
- Eliminate any areas that are crumbling away and/or salt incrustations by brushing and washing with water, preferably using a pressurised-water cleaner.
- Once the surface is dry, apply a coat of NEPTUNUS ANTISALE anti-salt sealant, code 0700240, following the instructions on the relative technical sheet.
- Wait 24 hours and then apply NEPTUNUS INTONACO DEUMIDIFICANTE 9480170 in 2 phases (and following the

instructions on the relative technical sheet):

1st phase: Execution of the "fixative jet":

Mix the NEPTUNUS INTONACO DEUMIDIFICANTE in the mechanical mixer for about a minute, then add 20% in percentage terms of NEPTUNUS ADDITIVO DI AGGANCIO sealant additive, code 0700250 (5 litres for a sack of 25 kg) adding 1 litre of water (per 25 kg mixture). Apply the mixture, which should be very liquid and uniform in jets on the wall, without covering it altogether (cover a maximum of 60% of the overall surface). In this phase, the coverage of the mortar is about 7-8 sq.m. with a sack of 25 kg of NEPTUNUS INTONACO DEUMIDIFICANTE 940170.

2nd phase: Execution of the diffusive mortar:

After at least one hour from the "fixative jet", apply the NEPTUNUS INTONACO DEUMIDIFICANTE 9480170 mixed with 17-19% water.

After about 24 hours from the previous phase, dampen the surface and apply the NEPTUNUS INTONACO DI FINITURA 9480180.

APPLICATION INSTRUCTIONS

Conditions of the surface and surroundings:

Air temperature: Min. +5 °C / Max. +35 °C.

Relative humidity of the air: <60%.

Temperature of the surface to be treated: Min. +5 °C / Max. +35 °C.

- Avoid applying the product in strong wind, fog, in direct sunlight or with incipient rain.

- Do not apply on frozen surfaces or surfaces which are thawing.

Application:

- The product may be applied by steel spatula and smoothed by sponge-backed trowel.

- Mixing: with 22% water (4.3-4.5 litres of water per 20 kg of mortar).

- Preparation: Pour 3/4 of the overall quantity of water in a container and add the product with a regular flow, mixing continuously to avoid the formation of lumps. Stir until a uniform blend has been made and add the remaining water. Mix and blend for 2-3 minutes in a cement mixer or low-revs mixer, until a smooth blend without lumps has been achieved.

- The mixture can be used for 3 hours.

- A single coat is applied.

- Indicative coverage: 3 kg/ sq.m. (with a 20 kg sack, about 6.5 sq.m. are covered).

- All tools should be cleaned using water immediately after use.

- The surface can then be painted with siloxanic, lime-base or silicate-base paints.

- In order to achieve the maximum of performance from the dehumidifying system outdoors, use products with high breathability and low water absorption: products from the SCUDOSIL line.

- Indoor, can be apply silicate paints as MARCOSIL PITTURA LISCIA series 926 or SILDOMUS SANA series 151.

TINTING

The product is available in cement-grey.

NEPTUNUS INTONACO DI FINITURA

DEHUMIDIFYING LEVELLER

code 9480180

STORAGE

Maximum temperature for storage: +30 °C.

Minimum temperature for storage: +5 °C.

Store in a dry place away from damp.

Stability in original, unopened containers stored at suitable temperatures: 1 year.

SAFETY RULES

EU limit value (Dir. 2004/42/EC) not applicable.

Irritating to respiratory system and skin / risk of serious damage to eyes / may cause sensitization by skin contact / keep out of reach of children / do not breathe dust / avoid contact with skin and eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable protective clothing and gloves / if swallowed, seek medical advice immediately and show this container or label / do not empty into drains.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; after use, do not litter, let residues dry out completely and treat them as special waste. Consult the safety sheet for additional information.

SPECIFICATION ITEM

Applications on previously prepared surfaces of restorative, fine-grained NEPTUNUS INTONACO DI FINITURA, code 9480180, based on a modified hydraulic binder with special, inert additives, and a consumption of 3 kg/sq.m..., for the restoration of surfaces with problems of damp.

Supply and application of the material € per sq.m.

SAN MARCO GROUP guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets. For further technical information call the technical service +39 041 4569322.