

SAN MARCO
is a brand of
San Marco Group Spa

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H-Rep Silossanico

Water-repellent siloxanic protective product



CODE 0800001

H-REP SILOSSANICO - V.2024-09-23

DESCRIPTION

H-REP SILOSSANICO is a water-repellent water soluble protector with an alchylalcosiloxanic emulsion and non-filmogenous siloxanic base. It gives surfaces great resistance to alkalis and atmospheric agents. H-REP SILOSSANICO develops surface water repellence very quickly, drastically reducing the absorption of water by the surfaces and blocking the formation of unaesthetic whitish patches caused by salts soluble in water which are extracted from the walls. H-REP SILOSSANICO does not alter the breathability and original appearance of the support.

INSTRUCTIONS FOR USE

Suitable for the treatment of indoor and outdoor vertical surfaces, in any weather exposure and environmental conditions. Can be applied to absorbent mineral and stone supports, concrete surfaces, cellular concrete, reinforced concrete, sandy and calcareous stone, and visible plaster and brick.

- Do not apply to old paint and organic coatings.
- Do not apply to non-absorbent supports (Polished marble, Granite) and gypsum.

TECHNICAL SPECIFICATIONS

- Type of Binder: Alkylalcosiloxanic and siloxanic emulsion
- Solvent: water.
- Appearance: transparent liquid.
- Specific gravity per UNI EN ISO 2811-1: 1.00 ± 0.05 kg/l.
- Drying times (at 25°C and 65% R.H.): total after 24 hours

OVER-VARNISHING: Not over-varnishable.

PREPARING THE SURFACE

Stones or brickwork:

- Dust and clean the surfaces; in the event of a film of dirt, crust on the surface,

flaking etc., clean using a water cleaning machine, water sandblasting, micro-sandblasting or chemical cleaning. it is advisable to perform a preliminary test in order to determine the most effective method and type of cleaning.

- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333 (see relevant technical sheets).

- Once the surface is dry, proceed with the application of several coats of H-REP SILOSSANICO, wet on wet, to refusal.

APPLICATION INSTRUCTIONS

- Air and support surface conditions:

Air temperature: Min. +8 °C / Max. +35 °C

Relative environmental humidity: <75%

Support surface temperature: Min. +5 °C / Max. +35 °C

Moisture level of the support surface: <10%

- Avoid applying when surface condensation is present, or in direct sunlight.

- Tools: brush, spray.

- Diluting: ready to use.

- When spraying using nozzle of 1.2 - 1.4 mm and pressure of the 2-2.5 kg/sq m

- Nr. of coats: the product must be applied with more coats, wet on wet, till the saturation, avoiding the dropping formation.

- The product gives the maximum water-repellence action after a day from the Application.

- Protect the surfaces treated for at least 24 hours following the application.

- The tools should be cleaned immediately after use, with water.

- Indicative spreading rate: change from the substrate absorption. We suggest to have a preliminary test.

Here some indicative spreading rate:

Beton 0.25-0.4 l/sq m

Natural stone 0.3-1.2 l/sq m

Bricks 0.6-1.0 l/sq m

Plasters 0.5-0.8 l/sq m

TINTING

STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 1 year from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

SAFETY RULES

Does not fall under EU directive 2004/42 (legislative decree 161/2006)

Use the product according to current health and safety regulations; after use, do not discard the containers in the environment; allow the residue to dry thoroughly, then treat as special waste. Do not dispose of residues in the sewers, waterways or ground. For more information consult the safety data sheet.

SPECIFICATION ITEM

Solvent-free water soluble protective with a water-repellent effect, with an alkylalcosiloxanic emulsion and siloxanic base, non-filmogenous.

Application to prepared absorbent surfaces, outdoors and indoors, of H-REP SILOSSANICO Code 0800001 in the amount determined by the absorption of



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the support.

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