

MORCEMCRIL® SILICONA



DESCRIPTION

Synthetic mineral render, suitable for the waterproofing and decoration of façades and indoor walls and ceilings.

- Internal or external use.
- On walls and ceilings.
- Decorative coating in Exterior Thermal Insulation Systems TRADITERM (SATE / ETICS) .

TECHNICAL CHARACTERISTICS

Product based on acrylic resins, silicones, mineral pigments and organic and inorganic additives.

ADVANTAGES AND USES

- Anti-mould and Anti-moss.
- Waterproof and water repellent.
- Excellent water vapour permeability, allowing the substrate to breath. High breathable film.
- Easy and fast application. Suitable for the majority of the substrates.
- Resistant to ageing, city environments and ultraviolet rays.
- Excellent adherence to traditional construction substrates.
- Washable.
- Self-cleaning.

Product with protection from fungal, mould and algae contamination that achieves a preventive and retardant effect lasting but not permanent. The duration of this affection depends on the exposure to humidity and the concentration of spores in the area, which make the conditions especially favorable for the growth of microorganisms, therefore periodic preventive maintenance treatment is recommended

SUITABLE SUBSTRATES

- Compatible with mineral mortars, concrete, one-coat mortars, plaster, plasterboard and on old painted surfaces.
- Over Traditerm exterior thermal isolation systems as final decorative coating.
- Incompatible with fresh lime renders, resins or varnishes, temple, lime or silicate paints.
- The supports must be clean, free of dust, loose particles, remains of old paints, oils, fungi, molds and other microorganisms, etc
- New concrete renders should be completely cured (At least 4 weeks old)
- In surfaces affected by fungi and algae, proceed previously to their total elimination.
- Level any irregularity with an adequate plaster. let it dry and sand it down.
- Original damaged paint should be completely removed brushing, sanding or stripping the area.

DECORATIVE PLASTERS

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APPLICATION PROCEDURE

- On crumbling substrates, first apply FIJAMOR primer.
- FONDO MORCEMCRIL must always be applied before using it. Apply 3 layers of FONDO MORCEMCRIL in areas where it can be seen (using adhesive tape in joints)
- Shake it until getting a perfect homogeneous mixture.
- This product is ready to use and it can be applied with a steel trowel or using a spray gun.
- If the mixture is applied by hand, the consistence and workability can be regularized by adding up to 250 ml of water per 25kg container. In the event of applying the mixture by spray gun, up to 1 litre of water per 25kg container can be added. This adjustment will depend on the applying tool.
- Stir the product before applying it.
- In the event of applying it manually, the product will be spread out with a steel trowel on the surface, cleaning the excess.
- Once the product has been applied on the substrate and the stickiness has been lost, trowel the material. The trowelling of the area will be done with a plastic trowel or a PU board with regular rounded movements or rubbing horizontally, vertically or in circle. It should be treated in an uniform and steadily way.
- The chosen tool will affect the roughness and structure of the surface, and therefore, it's recommended to always use the same tool during a project. In order to get an uniform structure, connected surfaces should be executed by the same person.
- Due to the natural loads and aggregates of the product, there might be some differences in colour scheme between lots. Product from the same lot should be used in annexed surfaces.
- If the product is applied with the spray gun, then the diameter of the mouthpiece should be chosen according to the granulometry of the product. During the application the product should be applied with an uniform thickness avoiding ski lifts, joints and loading orientation.
- The cleaning of the tools should be done with abundant water immediately after being used; Any other possible dry remains must be removed using solvent such as turpentine.

RECOMMENDATIONS

- Do not apply at temperatures below 5°C or above 35°C, under direct sunlight, rain or risk of frost.
- Do not apply it under relative humidities superior to 85% nor on top of wet substrates.
- Do not apply it on horizontal surfaces (floor) or sloping areas with an angle below to 45°.
- Protect the superior edges (Top part of the façades,...) of the cladding from rain water.
- In very absorbent areas or not very unified, apply first a FIJAMOR coating.
- In order to ensure the uniformity of the colour, please order the total amount required in a single delivery. Do not mix or combine different manufacturing lots in the same area.
- When applying with a blasting machine, remember to keep the same pressure and angle during the process, as well as the distance regarding the substrate, in order to avoid differences in the appearance of the final product.
- Protect the surroundings of the working area, clean any possible splatter with water before the product dries.

25kg-drums.

Up to 2 years in its original packaging, properly closed, in fresh and dry places away from inclemency and direct sun. Avoid extreme temperatures.

PACKAGING AND STORAGE

TECHNICAL DATA

Viscosity	400 dPas +/- 100
Thinner	Water
Density	1,87 Kg/l +/-0.06
Efficiency	2 to 3 Kg/m2 for 2 mm thickness
Drying time	2h. Complete<24h.(25°C and 50% Humidity)
Treatment time	4 weeks
Colour	Under order

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LEGAL DISCLAIMER

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