

Real Stone Evolution

Description

Water/oil-repellent protective treatment for stony and ceramic substrates.

It does not alter the appearance of the substrate and prevents the formation of most common aqueous/oily stains, making cleaning operations easier and faster.

Particularly indicated for waterproofing outdoor mineral substrates, including porous ones such as tuff and sandstone. Suitable for waterproofing grout lines, even on floorings exposed to weather. Useful for restoring the protective action of old paints against water, facilitating the sliding of raindrops. Also employable for boosting the waterproofness of new paintworks.

Non-film-forming and non-yellowing, it does not alter the finish of the substrate in terms of gloss and colour.

Uses

Suitable for protecting (indoor and outdoor) mineral substrates, such as: ceramic, tuff, finished concrete, porcelain stoneware, earthenware tiles, sandstone, porphyry, marble, granite and baked clay. Excellent solution for waterproofing existing grout lines. It represents an effective protection against stains on domestic floorings.

Surface preparation

Ceramic, stone and baked clay: the substrate must be perfectly dry in order to evaluate absorption. Proper application requires that no friable, flaking, oily residues nor saline efflorescences, plant formations or bacterial colonies are present.

Cementitious substrates: brush and dust to remove all impurities. Ensure that the substrate is properly seasoned.

Floorings and grout lines: ensure that the substrate is intact, that tiles have no cracks nor deep chips and that the grout lines are intact and solid.

In any case, traces of dust and dirt must be removed from the surface.

Application

Porous substrates (e.g. cement, tuff, et cetera): apply with a brush until saturation.

Non-porous substrates (e.g. porcelain stoneware, granite): apply with a sponge, rubbing the surface to avoid product excess. Alternatively, apply with a brush and, before the product dries, rub with a wet cloth to remove excess.

Ceramic floorings and grout lines: apply by brush onto grout lines; then, after 24 hours, apply evenly onto the entire surface as for non-porous substrates.

Apply at temperatures between 5°C and 30°C, avoiding extremely ventilated surfaces.

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Additional recommendations

Failing to remove product excess may cause alteration of the substrate gloss.

Given the multitude of substrates likely to be contaminated by impurities and the unpredictability of the conditions of application, it is advisable to perform circumscribed tests before treating the entire surface, so as to avoid unexpected reactions with the impurities of the material.

It is not advisable to use the product on substrates subject to continuous immersion.

For wide surfaces, perform preliminary on-site tests in order to evaluate the actual yield (which strongly depends on substrate absorption).

Dilution

Ready to use. Add max. 5% of water for particularly absorbent substrates.

Cleaning tools

With water immediately after use.

Storage

24 months in sealed container, away from sources of heat, in a cool and ventilated place, protected from frost.

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Technical data

PRODUCT	Water/oil-repellent protective treatment
SPECIFIC WEIGHT	1,050 ± 0,050 kg/l
VISCOSITY	600 ± 100 cP Brookfield at 20°C
COLOUR	Colourless
RECOMMENDED COATS	1 coat
RECOAT TIME	24 hours
APPLICATION METHOD	Brush, sponge, wet cloth
THEORETICAL YIELD	8-15 m ² /l for each coat, depending on substrate absorption
TOUCH-DRY (23°C)	ca. 2 hours
DEEP-DRY (23°C)	18-24 hours

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The aforementioned technical notions regarding the application and correct use of the product do not imply liability of Alcas Italia S.r.l. for use and application of the products themselves. Due to the unpredictable variability of application conditions, the USER must verify with direct tests the suitability of the product for each peculiar use. We reserve the right to modify the content of this document, without notification. As soon as a new version of these technical data sheet becomes available, this one won't be valid any longer.

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