

CALCEFRESH

Water-based, anti-stain, hydro and oleo-repellent impregnant for the protective treatment of lime-based supports and finishes

Destination:

Lime-based supports (plasters, finishes, etc.). The product can be used also for the protection of historical and monumental buildings and can be applied also on colored finishes.

Properties:

CALCEFRESH is a product based on a special mix of anionic fluoro-polymers dissolved in aqueous solution, specifically suited for the anti-stain, hydro and oleo-repellent protection of lime-based supports and finishes. CALCEFRESH can be applied after just 36 hours after the laying of the lime. It protects the treated surfaces by the damages caused by heavy rains which can indelibly mark them, especially before the lime has finished its natural carbonation process and has therefore become chemically stable.

The protective treatment makes the cleaning of the treated surfaces much easier ("Easy to clean" properties). The product does not modify the color appearance of the surface, respecting its original characteristics. The application of CALCEFRESH does not change the breathability of the support and does not reduce its permeability to water vapor. CALCEFRESH shows a high resistance to U.V. rays.

Use:

CALCEFRESH can be applied on surfaces that are absorbent, perfectly clean and perfectly dry. CALCEFRESH is ready-to-use and can be applied with low-pressure vaporizer or soft brush in natural fibers. Apply the product in at least two hands, waiting the complete drying of the first one before applying the second. For high-porosity substrates, it is recommended to apply the product up to saturation of the support. On surfaces with very fine-grained finish is always recommended to evaluate the protective efficacy of the product through and preliminary tests and measurements.

Anyway, apply CALCEFRESH uniformly, avoiding superficial stagnation. Wait at least 48 hours in order to evaluate the final effectiveness of the treatment. Always perform preliminary tests on the surface that has to be treated, in order to avoid possible undesirable effects.

Technical Data:

- Appearance: transparent straw-colored liquid
- Water absorption reduction: > 75%
- Specific gravity: 1,00 Kg/l \pm 0,1
- Packaging: 5 litres plastic tanks

Yield:

Approximately, 5 - 10 square meters for liter of product (2 hands). The performance of the product may vary with the absorption of the different types of substrate.

Specifications: Water and oleo-repellent breathable protective based on a special mix of fluoro-polymers and additives in aqueous solution, specifically suited for all lime-based supports, even of historic and artistic interest (such as CALCEFRESH by CIR). It must have a water absorption reduction of at least 75%. It must not alter the chromatic aspect of the surface, it must not change the breathability of the surface and it must have an elevated resistance and durability on highly alkaline materials. It must withstand U.V. rays, it must be easily applicable with a brush or by spraying and it must be reversible. It must be accompanied by a 16 sections security and safety data sheet as requested by the legislation in force.

Warnings:

- Product intended for professional use.
- Applying temperature range: +5° C/+35° C.
- Do not apply under conditions of high humidity, imminent rain or full sun.
- Carefully protect the surfaces to which the product is not intended.
- Equip operators as required by current safety regulations.
- Ventilate the closed rooms properly when using the product.

All information contained in our records correspond to our best knowledge of current techniques and cannot be considered binding or challenging as the real application conditions, verifiable case, may also result in major changes of both practices described above and the results obtained. Perform preliminary tests to determine if the product is suitable for the intended or not. We decline any liability for any damage resulting from improper use or misuse of the product. Do not litter in the environment. This data sheet replaces all previous versions.