



CALCEFRESH

Breathable protective agent for lime,
water/oleo repellent and water-based



DESTINATION → Lime-based artifacts, plasters and finishes, including colored ones, whether of historic artistic and/or monumental interest or not. Do not apply the product on extremely compacted finishes, such as marmorino finishes.

PROPERTIES → A product based on **fluoropolymers and special additives** in aqueous solution specifically formulated for application on **extremely alkaline substrates**.

CALCEFRESH can be applied as early as **about 36 hours after lime application**. It effectively protects lime-based surfaces and finishes from damage caused by heavy rains that can indelibly mark the surfaces themselves, especially before the lime has finished its natural carbonation process and has thus become stable. The special formulation allows **excellent penetration of the product into the substrates to be treated**, affecting neither their **breathability** nor their chromatic appearance. It also possesses **high resistance to UV rays and weathering**.

USE → Apply the product **only on absorbent, clean and dry surfaces**. **CALCEFRESH** is **ready-to-use** and can be applied, as needed, using a **natural fiber brush or low-pressure sprayer**. In case of colored, compact or fine-grained finishes, it is recommended to **apply the product by low-pressure sprayer**. Be sure to spread the product perfectly evenly and avoid surface stagnation. Always apply the product in **at least two successive coats**, wet on wet. On surfaces with a slaked lime finish (marmorino type), it is always recommended to evaluate the protection effectiveness of the product through preliminary tests and measurements. Wait at least 48 hours in order to evaluate the effectiveness of the treatment.

Always carry out preliminary tests on the surface to be treated in order to avoid possible undesirable effects.

YIELD → As an indication **5-10 m²/l** of product (complete treatment).

TECHNICAL DATA

- **APPEARANCE:** straw-coloured transparent liquid
- **SPECIFIC WEIGHT:** 1,0 Kg/l ± 0,1
- **WATER ABSORPTION REDUCTION:** > 75 % *

* values obtained from laboratory tests, in common practice may vary even significantly

PACKAGING

1CR113L5 → 2 x 5 liters plastic **TANK**

SPECIFICATION → Breathable water- and oil-repellent protective coating based on fluoropolymers and special additives in aqueous solution, specific for all lime-based substrates, including those of historical artistic and/or monumental interest (such as **CALCEFRESH** from CIR). It must achieve a reduction in water absorption of not less than 75%. This treatment must not alter the chromatic appearance of the substrate, must leave its breathability unaltered and must have high resistance and durability in highly alkaline substrates. It must resist U.V. rays, be easily applied by brush or spray, and be reversible. It must have a 16-section Safety Data Sheet as required by current regulations.

WARNINGS

- Product intended for professional use.
- Usage temperatures +5°C/+35°C.
- Carefully protect surfaces for which the product is not intended.
- Do not apply under conditions of high humidity, impending rain or full sun.
- Equip operators as required by current safety regulations.
- Ventilate enclosed rooms adequately 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.