



# ACQUACONS

**Consolidant based on lithium silicate  
in aqueous solution**



**DESTINATION** → Natural stones of any kind and absorbent building products. Particularly suitable for consolidating cement and concrete substrates.

**PROPERTIES** → Product based on specific **lithium silicates in aqueous solution**, particularly suitable for **consolidating all those substrates that show chalking and/or decohesion phenomena**, both superficial and deep, increasing their mechanical resistance to abrasion and impact.

Following a reaction between atmospheric humidity and the constituents of the support, the active ingredient transforms into silica gel which then acts as **a binder for the detached material**. **ACQUACONS** has a good degree of penetration **allowing to consolidate the material in depth**; moreover, its application **does not change the breathability of the substrate** and does not decrease its permeability to water vapour. **ACQUACONS** does not significantly change the chromatic aspect of the treated materials and has **a high resistance to U.V. rays**. The reaction of its active ingredient does not cause expanding phenomena inside the treated support.

**USE** → Apply **ACQUACONS** only on the affected areas on absorbent, clean and dry surfaces which present important phenomena of disintegration and detachment of the stone material. On very porous substrates (especially on facing bricks) where soluble salts may be present, the alkalinity of the product may react with some salts. Therefore **it is always advisable to carry out a preventive cleaning with PULI AC** on the surface to be treated to eliminate the presence of salts as much as possible. Failure to carry out this operation can lead to the formation of salt efflorescences on the surface after the application of **ACQUACONS**. The product, ready for use, can be applied, as needed, using **a soft natural fiber brush** or **a low-pressure sprayer**. The product can be applied in a single coat until the substrate is completely saturated or in two coats "wet on wet". Apply evenly, avoiding surface stagnations of the product. Wait at least 10/15 days in order to verify the effectiveness of the treatment and to apply, if necessary, subsequent protective products. Carry out preliminary tests on the surface to be treated in order to avoid possible undesirable effects.

**YIELD** → As an approximation **4-8 m<sup>2</sup>/l**.

## TECHNICAL DATA

- **APPEARANCE:** colourless liquid
- **SPECIFIC WEIGHT:** 1,04 Kg/l ± 0,1

## PACKAGING

- 1CR111L1** → 12 x 1 liter plastic **BOTTLE**
- 1CR111L5** → 2 x 5 liters plastic **TANK**

**SPECIFICATION** → Lithium silicate based consolidant in aqueous solution, specific for all types of stone substrates, absorbent building products, cement and concrete (such as **ACQUACONS** by CIR). This consolidant must not alter the chromatic aspect of the treated materials, must have a good degree of penetration within them, must not change their breathability and must be easily applied by brush and spray. The product must have high resistance to UV rays. It must be accompanied by a 16-section safety data sheet as required by current legislation.

## WARNINGS

- Product intended for professional use.
- Operating temperatures: + 5 ° C to + 35 ° C.
- Do not apply in conditions of high humidity, impending rain and in full sun.
- Carefully protect the surfaces for which the product is not intended.
- Equip the operators as required by current safety regulations.
- Ventilate closed rooms adequately while 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.