



ADVANTAGES OF CIR SOLUTION

The solution proposed by CIR allows to act on all types of salts that can be found on building materials, in a selective way, without causing damage or abrasion on materials. It also allows to intervene on several levels of deterioration and on various types of material or facade.

CIR SOLUTION STRENGTHS:

- IS NOT SUBJECT TO QUICK AGING
- HAS A GOOD RESISTANCE TO CLIMATE CONDITIONS
- DOES NOT INTERFERE ON THE THERMODYNAMIC PROPERTIES OF THE MATERIALS
- IT IS RESPECTFUL OF THE MATERIALS
- ACTS ON A WIDE SPECTRUM IN MULTIPLE CASES



EFFLORESCENCES THE SOLUTION



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PRODUCTS FOR BUILDING INDUSTRY,
MONUMENTS RESTORATION,
FLOORINGS AND GRAFFITI

CLEANERS - CONSOLIDATES - PROTECTIVES - DEHUMIDIFYING PRODUCTS

TECHNOLOGIES FOR THE TREATMENT OF NATURAL STONE AND ARTIFACTS

Art meets the craft

CHEMISTRY SERVING THE WORK OF MAN IN RESPECT OF THE ENVIRONMENT

EFFLORESCENCES: THE SOLUTION

PROBLEM

The degradation mechanism due to salt efflorescence is a consequence of the crystallization pressure of some salts, which have the characteristic of considerably increasing their volume during the passage to the solid phase, following the evaporation of water; the pressures caused inside the pores are such as to overcome the resistance capacity of the material and the result is the continuous erosion and disintegration of the surface layers of the materials.

The resistance of porous materials, to the damage caused by salts, depends on the distribution of the size of the pores inside them; it, all other conditions being equal, decreases as the concentration of pores with small dimensions increases.

SOLUTION

CLEANING

Completely remove the efflorescence on the surface.

PULI AC



PROTECTION

Solve and protect the causes that produce the crystallization of salts with targeted and definitive intervention.

ANTISALI A



Products used for conservative treatment against superficial salt efflorescences must be able to:

- act on a wide spectrum to eliminate the various types of salt crystals that can be found on materials
- Do not alter the porosity of the supports
- Do not deposit harmful reaction by-products on materials

INTERVENTION CYCLE

- Dry-brushing of surfaces affected by efflorescence
- If it is considered necessary the extraction of the salts with **TAMPONE ANTISALE**
- Complete the salts removal with the specific cleaner **PULI AC**
- Apply the specific protective **ANTISALI A** on a clean and dry surface

CLEANER

PULI AC

STRENGTHS

- Acts on all types of salt
- Surfactant-free product
- Allows rapid rinsing
- Balanced acid mixture
- Can be diluted in water, in a % based on the dirt present

EXAMPLES OF USE

- Silicate natural stones: Serizzo – Pietra Serena – Sandstone – Porphyry – Granite
- Face brick
- Removal of efflorescence from concrete-based plasters
- PH lowering in case of new plasters

APPLICATION



PROTECTIVE

ANTISALI A



STRENGTHS

- Water based product
- Makes the material water-repellent in depth
- Makes the material water-repellent very quickly thanks to the specific reactive siloxanes
- Does not alter the porosity of the material
- Does not interfere with the thermodynamic equilibrium of the material

EXAMPLES OF USE

- Natural silicate stones: Serizzo – Pietra Serena – Sandstone – Porphyry – Granite
- Face brick
- Before applying concrete mortars fresh on fresh
- It can be coated with lime-leveling with a good adhesive power

APPLICATION

