

ADVANTAGES OF CIR SOLUTION

The solution proposed by CIR allows to act on all types of materials used in the facade, removing the smog patinas in a selective way, without causing damage to the material. The possibility to dilute the cleaners according to the needs, allows to intervene gradually, thus avoiding damaging the materials, keeping the natural aging patina of the supports unaltered. Furthermore, the anti-smog protectives, in addition to specifically limit the degrading action due to chemical alterations, give the materials a high water-repellent power, necessary to guarantee the total protection of the material.

CIR SOLUTION STRENGTHS:

- EFFECTIVE AND HIGHLY RESISTANT
- BREATHABLE AND OIL-REPELLENT
- STAIN REPELLENT
- LOW ENVIRONMENTAL IMPACT



SMOG THE SOLUTION



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TECHNOLOGIES FOR THE TREATMENT OF NATURAL STONE AND ARTIFACTS

Art meets the craft

CHEMISTRY SERVING THE WORK OF MAN IN RESPECT OF THE ENVIRONMENT



PRODUCTS FOR BUILDING INDUSTRY,
MONUMENTS RESTORATION,
FLOORINGS AND GRAFFITI

CLEANERS - CONSOLIDATES - PROTECTIVES - DEHUMIDIFYING PRODUCTS

SMOG: THE SOLUTION

PROBLEM

Pollution, and especially particulate matter, is the main cause of deterioration of the construction and finishing elements located in the facades of buildings.

The most common effects of smog on materials are:

- Formation of Black Crusts
- Surface backwardness (chemical dissolution)
- Crystallization of salts

The level of aggression and the mechanism of alteration due to pollutants, however, vary depending on the exposure of the material, its chemical nature and outdoor environmental conditions.

SOLUTION

CLEANING

Surface cleaning and removal of smog crusts, with specific cleaners, with variable pH.



RP 110

RP 102/S

RP 102

RP 103

PROTECTION

Protection of specific materials and antismog, effective and long lasting.

NO SMOG



PTO 10



INTERVENTION CYCLE

- Wet the substrate with clean water
- Apply the specific “RP” cleaner making it foam
- Wait 5 to 15 minutes
- Rinse with plenty of water at a controlled pressure
- Then proceed on a dry surface with the application of the specific protective layer

CLEANERS

RP 110

STRENGTHS

- Water based
- With biodegradable surfactants
- Specific for calcareous natural stones
- Not harmful for the materials
- Can be diluted in water, in a % based on the dirt and the delicacy of the substrate

EXAMPLES OF USE

- Natural limestone stones:
Lecce Stone – Trani Stone – Carparo
– Travertine – Unpolished marbles

APPLICATION



RP 102/S

STRENGTHS

- Water based
- With biodegradable surfactants
- Specific for face bricks
- Not harmful for the materials
- Can be diluted in water, in a % based on the dirt and the delicacy of the substrate

EXAMPLES OF USE

- Products generally resistant to acid products.
Face brick

APPLICATION



RP 102

STRENGTHS

- Water based
- With biodegradable surfactants
- Specific for compact silicate natural stones
- Not harmful for the materials
- Can be diluted in water, in a % based on the dirt and the delicacy of the substrate

EXAMPLES OF USE

- Natural silicate stones in general: Granite – Volcanic rocks – Serizzo – Beola – Basalto – Porphyry

APPLICATION



CLEANERS

RP 103

STRENGTHS

- Water based
- With biodegradable surfactants
- Specific for soft silicate natural stones
- Not harmful for the materials
- Can be diluted in water, in a % based on the dirt and the delicacy of the substrate

EXAMPLES OF USE

- Natural silicate stones in general:
Sandstone – Pietra Serena – Peperino – Pietra Forte – Campania Tuff – Piperno

APPLICATION



PROTECTIVES

NO SMOG



STRENGTHS

- Water based
- Makes surfaces hydro-oil-repellent
- Does not alter the porosity of the material
- Prevents the formation of black smog crusts
- Equipped with technical-scientific data

EXAMPLES OF USE

- Porous natural stones of any nature
- Face brick
- Absorbent painted surfaces
- Specific for the treatment of facade materials

APPLICATION



PTO 10

STRENGTHS

- Solvent based product
- Makes surfaces hydro-oil-repellent
- Does not alter the porosity of the material
- Prevents the formation of black smog crusts

EXAMPLES OF USE

- Porous natural stones of any nature
- Face brick
- Surfaces painted with mineral paints
- Specific for the treatment of facade materials

APPLICATION

