

## RC 810 AG

### WATER-BASED ANTI-GRAFFITI WITH OIL- AND WATER-REPELLENT PROPERTIES

#### Water-repellent surface treatment | Anti-graffiti



#### ADVANTAGES OF RC 810 AG

- ✓ Surfaces resist penetration of most types of graffiti
- ✓ Solvent-free
- ✓ Perfectly vapour permeable
- ✓ Protects against acid rain, pollution and atmospheric influences
- ✓ Self-cleaning character makes maintenance easier
- ✓ Provides protection against water and graffiti for the entire structure

#### Description

RC 810 AG protects surfaces so that a wide variety of graffiti types can be easily removed, including spray paint, permanent marker, ink, bituminous paint, asphalt paints and other solvent- or water-based paints. Because of RC 810 AG's exceptional properties, standard non-hazardous cleaning agents and low-pressure water jets are sufficient to remove most graffiti types. RC 810 AG is breathable and does not alter the appearance of the substrate. These properties make the product ideal for masonry walls. The product is based on fluorinated resins. RC 810 AG penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering conditions.

#### Properties

- Treated surfaces resist penetration of most types of graffiti
- Simplifies graffiti removal
- Non-film forming
- Perfectly permeable to water vapour
- Does not change the appearance of the surface
- Allows the material to breathe
- Solvent-free, odourless, non-toxic and non-flammable
- Protects materials against contamination, atmospheric influences, acid rain and pollutants
- Reduces frost damage
- Facilitates surface maintenance due to the self-cleaning nature of the product
- Provides protection against water and graffiti for the entire structure

#### Field of Application

Can only be applied on porous mineral substrates such as brick, terracotta, natural stone, mineral renders, bluestone and concrete.

Not suitable for non-porous materials such as polished granite, marble and travertine. Application on rough granite or untreated/matte travertine may be possible in certain cases — always perform a preliminary test on a sample area to assess compatibility and visual appearance.

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## Substrate

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Concrete must cure for a minimum of 28 days. All reinstatements must be completed and cure for at least 3 days. Concrete repair must be completed before applying RC 810 AG. Repair materials, sealants, sealants and traffic paint must be fully cured before application.

All surfaces should be cleaned to remove all traces of graffiti, dirt, dust, efflorescence, mould, salt, grease, oil, asphalt, cement slurry, curing agents, paints, coatings and other foreign materials. Acceptable methods for surface cleaning include blasting, sandblasting, water blasting and the use of chemical cleaners.

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## Application instructions

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When applied manually, RC 810 AG should be applied 'smoothly' to the surface. RC 810 AG should, as a liquid, be in contact with the surface to be treated for a few seconds. Horizontal surfaces should be wet 'mirror-like' for 3-5 seconds after application.

On vertical surfaces, RC 810 AG should be applied from top to bottom, preferably in 2 layers (wet in wet). Each layer is applied until saturation. The ideal application temperature is between 5°C and 25°C. Do not apply at temperatures below 5°C and on surfaces hotter than 25°C.

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## Cleaning of graffiti

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RC 810 AG is designed to easily remove paint, markers and other materials used for graffiti from concrete, masonry and natural stone substrates. Acceptable methods for removing graffiti include citrus-based paint removers, high-pressure water cleaning, steam cleaning and patented cleaners. If high-pressure water is used, care should be taken not to etch the substrate. Removing the substrate will also remove the RC 810 AG.

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## Consumption

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0,2 - 1 liter/m<sup>2</sup> depending on the porosity of the surface.

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## Technical characteristics

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Base	Fluorinated resins
Active matter	5,5 % ± 1%
Solvents	None
Density (20°C)	1
Odor	None
pH	7 (neutral)
Appearance	Colorless liquid
Resistance against alkalis	Resistant until pH 14
Aging test	< 0,1 ml absorption after 10 years (according to BBRI)
Flash point	None
Viscosity	100 – 300 cPs
Modification surface tension	From 20 to 40 mN/m
Wetting angle (ASTM D5946)	Bigger than 60°
Water vapor permeability	μ < 10
Maximum effectiveness	After 7 days

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## Security

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Consult the most recent Safety Data Sheet (SDS)

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## Remarks

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- Windows, windows and other non-treatable substrates should always be protected. Occasional stains should be cleaned immediately before drying with a sponge soaked in soapy water.
- It is strongly recommended to remove excess product from the surface with a cloth or roller slightly moistened with water after application of the various coats, and before the product dries.
- A preliminary test with RC 810 AG at the point of use is always recommended.

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## Cleaning of equipment

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After use clean thoroughly with water.

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## Storage / Shelf life

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- Needs to be stored cool and frost free in the original and closed packaging. Store between +5°C and 25°C.
- Shelf life when kept in original and closed packaging is one year.

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## Verpakking

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25 liters (item no. 20163) – 10 liters (item no. 20162)

### Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Reynchemie products, are given in good faith based on Reynchemie current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Reynchemie recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Reynchemie reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.