

Anti Graffiti Protective Lacquer

The Anti Graffiti Protective Lacquer is a permanent system for absorbent and non-absorbent substrates that dries up with satin-finish

Scope of Application: The Anti Graffiti Protective Lacquer is a permanent system leaving a satin-finish film on the surface. At the same time, the material protects the substrates against the penetration of water and pollutants. The protective film is de-icing salt resistant according to the WTA-Directive. Daubs and felt-tip pen ink can be removed therefrom several times with our Geiger Anti-Graffiti Cleaner (at least 10 to 15 cleaning procedures are possible), before the film must be repaired. The water vapour diffusion ability is not essentially changed (sd-average value 0.6). Anti-Graffiti Protective Lacquer can be applied on non-absorbent substrates, such as varnished surfaces, metals, plastics, stone plates and tiles etc., but also on all absorbent surfaces, e.g. facades, plasters, complete heat insulation, concrete, brickwork and natural stones, marble and wood, etc., Critical substrates (such as silicate-based paints) should be pre-treated with No. 28 Adhesive Primer S. Before coating eloxated surfaces with Anti Graffiti Protective Lacquer, these, too, must be treated with No. 28 Adhesive Primer S. The product is not suitable for hydrophobized and water repellent zones and surfaces that are exposed to moisture penetration (rearward) must not be coated (e.g. free-standing walls).

Fibre cement panels must be coated on all sides, also in area of edges/cutting edges and at the drilling holes. Furthermore, the coating instructions of the panel manufacturers must be observed.

Properties: Free of silicone and wax, thus it can be painted over at any time; permanent system; low SD-value (0.6); drying up with satin-finish; Tested in accordance with the guideline of Anti Graffiti eV and according to the WTA Directives Registered in the Bast-List (German Federal Highway Research Institute).

Technical specifications: Raw material base: water-dilutable 2-K polyurethane lacquer

Make-up ratio: undiluted

Consumption: depending on the substrate 150 to 250 ml/m²

Processing: **General provisions**

The substrate must be dry and free of dust. First, the existent graffiti must be removed with Geiger Anti Graffiti Cleaner. We recommend to clean the surfaces with our Geiger Facade Cleaner. Make sure that the temperature of the substrate and the air is always between at least 5°C and maximally 30°C during the entire processing and drying period. Anti Graffiti Protective Lacquer should be treated in dry weather conditions and at a place with low

humidity. Add the hardener (1 portion) to the base component lacquer (4 portions) and stir in well. After a pre-reaction time of 5 to 10 minutes, stir again well. Then the material must be processed undiluted within a period of maximally 8 hours. Anti Graffiti Protective Lacquer should preferably be applied by a pressure pump (airless). But the material can also be applied with a short fibre web paint roller (Karakul/ mohair lacquer roll). Make sure that the required quantity is applied.

This is achieved by several application steps, but maximally 100 ml/m² shall be applied during each step. In case of repeated applications a drying phase must be kept until the milky appearance has dried and has become a clear and transparent film. In general, a trial area should be created, as visually minimal changes in the colour may appear due to differences in the gloss level. At the same time, the adhesion can be tested.

On non-absorbent substrates, such as varnished surfaces etc.

They require a repeated application of 200 ml/m² of in total.

Masonry (tiles, clinker, brick, natural stones)

At first, wash thoroughly the surface with the Geiger Cement Stains Remover, after that treat it with the Geiger Facade Cleaner. Rinse the surface again thoroughly with water (without pressure). Allow it to dry well and coat it with Anti Graffiti Protective Lacquer.

Clinker: repeated application of 200 ml/m² in total.

Brick, sandstone: repeated application of 250 ml/m² in total.

Caution: The (existent) efflorescence may eventually reappear, therefore, pre-tests on clinker and brick walls are indispensable.

Concrete, granite, marble, shell limestone, wooden surfaces or similar

Granite or substrates with similar low-absorbent properties require a repeated application of 150 ml/m² in total.

Concrete, marble, shell limestone, wooden surfaces and other highly absorbent substrates require a repeated application of 200 - 250 ml/m² in total.

Painted facades, concrete surfaces, plaster bases, full-heat insulations

The substrates that are to be coated must have a uniform absorbency. They require a repeated application of 250 ml/m² in total.

Removal of graffiti

Spray Geiger Anti Graffiti Cleaner on the colour smears and allow it to react for 2 to 4 minutes. Use a soft cloth to take away the dissolved daubs.

It is good practice to moisten the underlying surfaces before spraying the substrate, or keep a soft cloth underneath the daubs in order to keep the surfaces below protected. After that, wash the cleaned surfaces with Geiger Facade Cleaner.

Always clean the tools thoroughly with water immediately after use.

- Identification: Please refer to the EC safety data sheet for the pertinent information.
- Storage property: Store the product in a cool, dark and dry place.
- Other: Always read the label and product information before use.
Always test the adhesion at an unobtrusive point.
- Container sizes: Can with 800 ml 800 ml lacquer and can with 200 ml hardener
Combined package containing 5 l of each product
Combined package containing 10 l of each product