



# ANTIGRAF PERMANENT

Water-based permanent anti-graffiti, transparent,  
of bi-component, polyurethane type



**DESTINATION** → Supports made of **natural stone** or **absorbent building products**, **exposed walls**, **concrete** or **plasters**, also of historical-artistic and / or monumental interest. Previously **painted/decorated surfaces**. Do not apply on leaded or completely non-absorbent surfaces

**PROPERTIES** → **ANTIGRAF PERMANENT** is based on a **two-component, water-based, solvent-free polyurethane system**, specific for permanent **protective treatment from graffiti** and vandal fouling on absorbent substrates in general (natural stones, cement products, etc.).

Given its versatility, the protective is also applicable on previously painted / decorated surfaces with quartz, silicate or acrylic-siloxane finishes, such as **cement or lime-based plasters**. The protective treatment with **ANTIGRAF PERMANENT** shows **excellent resistance to graffiti and soiling** of any nature, as well as **high hardness and resistance to abrasion and climatic and atmospheric agents**. The protective treatment with **ANTIGRAF PERMANENT** has a **high resistance to UV rays**, and does not turn yellow in light. The protective treatment with **ANTIGRAF PERMANENT** allows you to preserve the materials treated from graffiti penetration for various cleaning cycles (at least 10 cycles using the specific **ECO 7G** ecological remover).

**USE** → Apply a **base coat** with the **CONSACRILIC primer** (diluted 50% in water), so as to promote adhesion and make the absorption of **ANTIGRAF PERMANENT** by the substrate more homogeneous. In the case of application on cementitious substrates, before treatment **wait for the necessary maturation** and hardening of the substrate. **COMPONENT A** and **COMPONENT B** are ready for use and must be added and mixed together before application. Shake **COMPONENT A** well before use. Then mix **COMPONENT B** with **COMPONENT A** respecting the catalysis ratio, that is adding 150 ml of **COMPONENT B** to 850 ml of **COMPONENT A** to obtain one liter of mixture. Mix well for 2/3 minutes. Mixing the two components is extremely easy and can also be done manually. Then apply **at least two coats** of the product obtained on a clean and dry support using a **soft brush in natural fibers** or a **short-haired roller in microfibre**. In order to optimize the result, it is important to apply the product **uniformly**, avoiding stagnation and dripping. The second coat must be applied after the first has dried (approximately 1-2 hours). The stability of the two components once mixed ("Pot Life") stands at 4/6 hours at the most: it is therefore essential to respect these terms of time as regards the application and use of the product.

Wait for complete drying in order to evaluate the effectiveness of the treatment.

The protective is already functional **after 24/48 hours from the application**; 100% of the performances are achieved **after 7 days from its application** when the complete catalysis of the resins occurs. To clean the stains, use the specific **ECO 7G** ecological remover which allows their **quick and easy removal without damaging the protective coating** and guaranteeing its integrity and durability during subsequent cycles. **Avoid contact times of more than 15 minutes between the remover and the protective coating** to allow the latter to maintain its total integrity during the subsequent cycles.

Carry out preliminary tests on the surface to be treated in order to avoid possible side effects.

**YIELD** → For indicative purposes only **8 - 14 m<sup>2</sup> / lt** of product (complete treatment).

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.



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## TECHNICAL DATA

### COMPONENT A

- ➔ **APPEARANCE:** whitish liquid
- ➔ **SPECIFIC WEIGHT:** 1,03 Kg/l ± 0,1

### COMPONENT B

- ➔ **APPEARANCE:** colorless thick liquid
- ➔ **SPECIFIC WEIGHT:** 1,15 Kg/l ± 0,1

- ➔ **MIXTURE POT-LIFE:** maximum 4/6 hours
- ➔ **ACTIVE CONTENT:** approximately 35% ± 1%
- ➔ **CATALYSIS RATIO (for each liter of mixture):**  
COMPONENT A - 850 ml  
COMPONENT B - 150 ml
- ➔ **DRYING TIMES:** 1-2 hours per coat

## PACKAGING

### COMPONENT A

**1CR084L5** ➔ 1 x **4,25 liters** plastic **TANK**

### COMPONENT B

**1CR084L1** ➔ 1 x **0,75 liters** plastic **BOTTLE**

**SPECIFICATIONS** ➔ Bi-component permanent anti-graffiti protection, based on polyurethane resins catalysed in an aqueous system, specific for natural stones of any nature and absorbent building products, exposed walls, cement, plaster, previously painted / decorated surfaces, also of historical, artistic and / or monumental interest (such as **ANTIGRAF PERMANENT** by CIR). It must prevent the penetration of paint, markers, graffiti and ink of spray cans, facilitating their subsequent cleaning and removal with the specific ecological remover **ECO 7G** and ensuring waterproofing and resistance to them for at least 10 cleaning cycles with the above remover. It must not significantly influence the chromatic aspect of the treated substrates, it must also have high resistance to UV rays and must not yellow, must be easily applied by brush or roller. The product must be accompanied by a 16-section safety sheet as required by current legislation.

## WARNINGS

- ➔ Product intended for professional use.
- ➔ Operating temperatures: + 5 °C / + 35 °C.
- ➔ The application of the product on painted / painted surfaces can lead to the modification of the original color tone.
- ➔ Do not apply on surfaces subject to rising damp or counter thrust.
- ➔ Thoroughly protect the surfaces for which the product is not intended.
- ➔ Equip operators as required by current safety standards.
- ➔ Adequately ventilate the closed rooms during the use of the product.

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