



Surface Protection ANTIGRAFFITI COATING

Technical Data Sheet

Reviewed: 04.10.2019



DESCRIPTION

ANTIGRAFFITI COATING is a high quality two component polyurethane coating, suitable for protecting building surfaces and walls from graffiti painting. Its unique polyurethane technology provides excellent resistance to water, solvent and extreme weather conditions. It does not yellow and chalk. It protects the coated surface with a clear membrane. Surfaces coated with **ANTIGRAFFITI COATING** can be cleaned depending on the type of graffiti using a high pressure hot water jet or the special **GRAFFITI REMOVER** cleaner which does not affect the substrate. Contrary to sacrificial coatings, it has a very long life cycle. It is also suitable for protection of graffiti art from vandalism. It can be applied on metal, concrete, plaster, dry-wall, MDF, wood, stone, marble. It is available in clear - transparent and other colors upon order.

ADVANTAGES

- Creates a clear - transparent protective membrane
- Does not allow paints to penetrate the surface – can be easily cleaned
- Allows the substrate to breathe
- Outstanding adhesion on most building surfaces
- Excellent UV and frost resistance
- Excellent resistance to solvents and chemicals
- Surface damage can be repaired immediately

APPLICATIONS

- Graffiti protection of public buildings, schools, bridges, houses, marble facades, industrial buildings.
- Protection of graffiti art from vandalism. A test must be performed before full scale application due to different types of paints used.
- Applied on horizontal and vertical building surfaces. It offers high wear and impact resistance.
- Suitable for marble, stone, visible concrete, cement, plaster, metal, wood, plasterboard, cementboard and like materials.

- Can be applied on emulsion and acrylic paints after a suitability test.
- Not suitable for expanded or extruded polystyrene, polyethylene and materials affected by strong solvents such as nitro. Not suitable as well for surfaces with low adhesion properties such as EPS & XPS polystyrene.

INSTRUCTIONS FOR USE

Surface Preparation

Careful surface preparation will result in achieving optimum appearance and durability.

- The surface needs to be dry, clean, with no defects, free from dust and oily residue that can affect the coatings adhesion.
- Remove all loose material. New concrete or plaster need to be dry for at least 28 days. Humidity should not exceed 5%.
- Old coatings, oil, mould growth and dust should be removed using a high pressure water jet or a sander.
- Substrate should be dried and cleaned of any residue.

Priming

Loose - deteriorated substrate can be fortified – primed using EPOXITE DUR.

Application

1. Mix carefully the 2 components taking care to ensure thorough mixing on the walls and the bottom of the pail.
2. Allow mixture to stand for 10-15 minutes for the two components to react.
3. Apply the first coat with a roller, brush or spray gun.
4. The second layer should be applied upon drying of the first coating within 6 - 24 hours depending on ambient temperature.
5. If required apply a third layer.
6. The final curing of the **ANTIGRAFFITI COATING** is achieved in 14 days at 25°C.

CLEANING

Clean tools and equipment immediately after use with polyurethane solvent.

COVERAGE

3 - 8 m²/Lt

TECHNICAL CHARACTERISTICS

Base: Polyurethane

Color: Transparent and in colors upon request

Specific Gravity: 1,35±0,35 Kg/Lt

Thinning: Up to 5% with polyurethane solvent

Recoating: 6 - 24 hours depending on temperature

Open Time: 4 - 8 Hours

VOC (Volatile organic Compounds) CONTENT: (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/J(SB): "two pack reactive performance coatings"): 500 gr/lit. This product contains maximum 498 gr/lit VOCs (ready for use product).

STORAGE

Evochem®

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Products should be stored in a dry and cool place at temperature 5°C -35°C, away from sources of ignition. Protect from humidity and direct sunlight.

SHELF LIFE

At least 12 months from the production date in the above mentioned storage conditions. The product should remain in the original unopened packaging bearing the manufacturer's batch number.

PACKAGING

SET of 3lt & 10.5Lt

PACKAGING	CODE	BARCODE
3lt	1860	5204094018605
10,5 lt	1861	5204094018612

HEALTH AND SAFETY INFORMATION

Component A



Flam. Liq. 3: H226 - Flammable liquid and vapour Skin Irrit. 2: H315 - Causes skin irritation STOT SE 3: H336 - May cause drowsiness or dizziness P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P280: Wear protective gloves/protective clothing/eye protection/face protection P302+P352: IF ON SKIN: Wash with plenty of water P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing P370+P378: In case of fire: Use ABC powder extinguisher to extinguish. P403+P233: Store in a well-ventilated place. Keep container tightly closed P403+P235: Store in a well-ventilated place. Keep cool P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively EUH066: Repeated exposure may cause skin dryness or cracking Substances that contribute to the classification: N-butyl acetate (CAS: 123-86-4)

Component B



Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled Flam. Liq. 3: H226 - Flammable liquid and vapour Skin Irrit. 2: H315 - Causes skin irritation Skin Sens. 1: H317 - May cause an allergic skin reaction STOT SE 3: H335 - May cause respiratory irritation P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P280: Wear protective gloves/protective clothing/eye

protection/face protection P302+P352: IF ON SKIN: Wash with plenty of water P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing P370+P378: In case of fire: Use ABC powder extinguisher to extinguish. P403+P233: Store in a well-ventilated place. Keep container tightly closed P403+P235: Store in a well-ventilated place. Keep cool P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively EUH204: Contains isocyanates. May produce an allergic reaction Substances that contribute to the classification: Hexamethylene diisocyanate, oligomers (CAS: 28182-81-2); Xylene (CAS: 1330-20-7); Hexamethylene-di-isocyanate (CAS: 822-06-0)

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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