



# POLYURETHANE ANTIGRAFFITI CLEAR

## ANTI-POLLUTION & ANTIGRAFFITI CLEAR PAINT

### GENERAL CHARACTERISTICS

POLYURETHANE ANTIGRAFFITTI 2C CLEAR is a high quality antipollution two component paint, suitable for application on walls and on surfaces from concrete, plaster, stone, metals, wood etc. The product, if applied according to the instructions of the manufacturer, creates via mechanism «chemical crosslinking», a hard and elastic membrane without pores, which does not allow graffiti (spray, marker pen etc) to penetrate in the interior of the surface to be protected. Moreover, the surface could be cleaned from graffiti with the proposed diluent VECHRO THINNER No 1. Due to its special synthesis (acrylic polyols and aliphatic polyisocyanic esters), it presents high resistance in weather conditions, in ultraviolet (UV) radiation, in yellowing, as well as high mechanic and chemical resistance. It is suitable for painting in public places and works, hotels etc. It is not easily flammable. Not recommended for surfaces that should have high breathability and water vapor permeability.

### TECHNICAL CHARACTERISTICS

- Texture** : Gloss, depending on the absorbency and the porosity of the surface
- Specific Gravity** : After two components mixing 0,94-0,98kg/lt.
- Mixing proportion** : A:B=4:1 per weight.
- Viscosity** : 20- 30 sec (for spray application)
- Dilution** : Ready for use.
- VOC class** : «Two-pack reactive performance coatings. Prevents graffiti paint from bonding to surfaces.». Type SB. VOC limit = 500gr/lt. Max VOC of product ready for use = 499gr/lt. The paint contains also solvents which are not considered as VOC.
- Covering power** : 6-8 m<sup>2</sup>/lt (4,5-6 m<sup>2</sup>/kg) per coat. The product should be applied in two coats so as the final surface is capable of forming a smooth and impenetrable membrane without pores in which graffiti (spray, marker pen etc). could penetrate. (See Use Instruction).
- Pot life** : 8 hours after two components mixing on 15<sup>0</sup>C. Those times shorten under higher temperatures. The final two component product should be regularly mixed and diluted so as to avoid aggregation.

- Drying** : Touch free in 2-3 hours depending on weather conditions. Through drying 6-8 hours.
- Recoatability** : 18-24 hours after first application or after first layer's hardening.
- Surface ready for use** : The paint acquires its anti-pollution and antigraffiti properties 2-3 weeks after application (temperature 20°C & relative humidity 50%), when the layer's hardening is achieved.

#### **APPLICATION EQUIPMENT**

Brush, roller, spray or airless spray.

#### **APPLICATION CONDITIONS**

Temperature 8-30 °C and relative humidity lower than 80%. Contrary weather conditions may degrade product's quality.

#### **SURFACE PREPARATION**

Clean the surface of dust, oil, cropped paints, rust etc. The surface should be absolutely dry before application. Porous surfaces should be primed with suitable two component primer or the paint itself diluted 15-25%, in order to allow the second coat to form a smooth and impenetrable dry film of 50µm thickness without pores in which graffiti (spray, marker pen etc) could penetrate.

#### **APPLICATION**

Mix component A with component B in 4:1 proportion on weight and dilute with the suitable diluent. Apply 2 coats.

#### **CLEANING EQUIPMENT**

While working keep your equipment wet, either in the pot or in the paint lauder. Strain well your tools from paint back to the pot and clean immediately with suitable thinner, water and soap. Particular accent should be given in the cleaning of machines, when Airless spray machines are used.

#### **STORAGE CONDITIONS**

Close well after use. Store in a cool place. Protect from freezing and direct sun exposure.

#### **SAFETY INSTRUCTIONS**

Keep out of the reach of children.

#### **LABELLING**

More information in Safety Data Sheets (MSDS).