

Technical Information Sheet Article No. 9930

Graffiti Protector PUR

High performance, clear, UV stable, polyurethane anti-graffiti top coat.

Advantages

- Extremely tough PUR coating.
- UV stable.
- Systems for most substrates are possible including concrete, stone, brick, hardwoods.
- Easy application by roller, brush or spray.
- Easily cleaned of graffiti.
- Permanent, anti-graffiti coating.
- Long pot life, but fast curing.

Description

The product is based on a complex solvented acrylic PUR blend which offers excellent resistance to aggressive graffiti cleaning chemicals such as Remmers Graffiti Remover and many other solvents.

It is applied to surfaces as part of a system approach which should reflect the substrate onto which it is applied.

Expect to see some darkening of the surface to which the system is applied, and a resultant satin sheen on the surface.

Systems and Application

The systems below are most commonly used for areas where an anti-graffiti coating is required.

Characteristic data of the product

Viscosity:	Clear low viscosity liquid
SG:	1.00
Total Solids:	37%
Typical Film:	85µ wet yields 30µ Dry Film Thickness
Application Limits:	+5 °C to +30 °C
Pot Life:	up to 6 hours
Touch Dry:	1 hour @ 20 °C
Overcoating:	8-48 hours @ 20 °C
Resistant to cleaning:	7 days @ 20 °C
Colour:	Clear
Appearance:	Silk/Satin

Onto Brick or Masonry:

- Clean surfaces using Rotec, Arte-Mundit poultice, or Chemical Cleaning products from the Remmers range
- Apply Impregnation BFA to prevent green growth
- Allow to dry
- Apply 1-2 coats of Graffiti Protector PUR to the surface, 1st coat thinned if required up to 5% using the correct thinner.

Onto Concrete:

- Clean surfaces with the appropriate technique.
- Apply Impregnation BFA to prevent green growth
- Allow to dry
- Apply 1-2 coats of Graffiti Protector PUR to the surface, 1st coat thinned if required up to 5% using the correct thinner.

Onto Coated Concrete:

- Ensure surfaces are clean, dry and the existing coating has been tested as compatible (ie Remmers Concrete Acrylic) and is well adhered to the surface.
- Apply 1-2 coats of Graffiti Protector PUR to the surface.
- For silane treated concrete always thin the first coat by approx. 5% with the correct thinner before application.(see notes). A compatibility test is advised.

Coverage:

Min: 0.1 Ltr/m² (10m²/Ltr) per coat
Max: 0.2 Ltr/m² (5m²/Ltr) per coat

Typical 1st Coat: 0.15 Ltr/m²
Typical 2nd Coat: 0.1 Ltr/m²

Application

Add the hardener component (B) to the resin component (A) and mix thoroughly using low speed electrical equipment for at least 3 minutes until fully mixed. De-cant and mix again briefly.

Part mixing is not advised. Please take care as the end of the pot life is not noticeable.

Do not cover mixed tins of material to avoid build up of pressure in the mixed vessel.

Apply using good quality solvent resistant brushes or rollers.

Always conduct a trial area before commencing work to be certain that the results are satisfactory.

Notes- Thinners

The material can be thinned where required i.e. for 1st coats using a blend of the following solvents which are also good for tool cleaning.

60:40 Xylene:PMA
Xylene
Toluene

Avoid using V103 thinner as it will be to the detriment of the product.

Health and Safety

Before using this product please ensure that you have been supplied with and have read carefully the information on the MSDS for the products.

The recommendations made in our MSDS for this product should be followed at all times.

Storage

Store in cool place, indoors and avoid unnecessary opening of tins. Shelf life in unopened tins – 24 months minimum

For technical support or information please contact our Technical Service Department.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

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