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Product Data

AGS Graffi Coat 102[®] Anti Graffiti Coating

Description and use

AGS Graffi Coat 102 is a one component, moisture cured polyurethane coating. This high performance, solvent free coating provides a clear matt and hard scratch resistant finish, with high resistance to chemicals and graffiti. Graffi Coat 102 can also be used as a hygiene coating, and as a general protective coating suitable for most substrates.

Graffi Coat 102 is also suitable for application to brickwork and concrete, but must first be primed with Graffi Prime 102 – a high grade acrylic. This combination will minimise aesthetic change on masonry substrates.

Recommended as follows. Always test.

Substrate	Type		m ² per litre
Marble Travertine Limestone	Polished	Yes	8 – 1 0
	Unpolished	Yes*	8 – 1 0
Granite	Polished	Yes	8 – 1 0
	Unpolished	Yes*	8 – 1 0
Sandstone	Unpolished	Yes*	8 – 1 0
Slate	Unpolished	Yes*	8 – 1 0
Fired Clay	Brick Tile Terracotta Pavers	Yes*	8 – 1 0
Concrete		Yes*	8 – 1 0
Wood		Yes	8 – 1 0
Metal		Yes	8 – 1 0
Painted surfaces		Yes	8 – 1 0

* requires a prime coat with Graffi Prime 102

Advantages

- Normally only a one coat application
- One pack product, no on site mixing
- Cost effective

Limitations

- Not suitable for some thermoplastic materials
- Not suitable for application over paints containing silicon or teflon
- Will change the appearance of some substrates
- Certain types of graffiti marker may penetrate the coating thus full removal may not be possible

Technical Data

Description: Clear, moisture cured polyurethane
Active content: 100%
Flash point: >180⁰C

Preparation

Thoroughly clean the surfaces and apply Graffi Prime in accordance with the product data sheet prior to application of Graffi Coat 102.

Do not apply in temperatures below 5⁰C or above 30⁰C. Relative humidity should not exceed 85%.

Drying times at 20⁰C and 65% relative humidity:

Touch dry: 4 hours
Second coat: 12 hours
Fully cured: 24 hours

Equipment

Apply with a brush, mohair paint roller or airless sprayer (nozzle size 10, 180 bar). Always use

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Graffiti Coat 102 from the container in which it is supplied or a rubber bucket, do not use a plastic container. To clean spills and equipment, use AGS Sixten. *Do not use water.*

Pretesting

Always test each type of surface to ensure suitability and desired results. Apply test area according to the following application procedures.

Application Instructions

1. Clean the surface carefully.
2. The surface must be completely dry.
3. Apply an even coat by brush, roller, or airless sprayer. If using a roller, ensure it is mohair and note that the roller should not be used for more than 20 minutes as it will start to react with the chemical. Discard after 20 minutes and start with a new roller.
4. 250 bar is required to spray undiluted product. Graffiti Coat 102 may be diluted by 2% with Xylene if lower pressure is used. Do not use diluted product on solvent sensitive surfaces.
5. A second coat is not normally required.
6. Clean tools and spills with AGS Sixten.

Graffiti Removal

Remove graffiti using Graffiti Cut (please refer to relevant data sheet) with a clean, medium bristle brush, allow to dwell for 3 to 15 minutes agitating with brush. Remove excess material with a clean, soft cloth. Neutralise with clean water, preferably with a few drops of ordinary detergent added.

Coverage Rates

8 - 10m² per litre. It is important that the application reaches the specified coverage rate i.e. 0.125 - 0.1 litre per m². Over application can result in whitening of the coating when cured.

Packing

5 litre containers.

Safety Information

Wear suitable PPE – goggles and gloves avoid splash to bare skin or eyes. Always refer to material safety data sheet before use.

Shelf Life

Graffiti Coat 102 may be stored for a maximum of 6 months in a tightly sealed, unopened container. Store in ambient temperatures not below 5⁰C or above 30⁰C. Protect from frost.

Technical Information

Fire Propagation Test (BS 476: Part 6. 1989) Class O.

Surface Spread of Flames Test (BS 476: Part 7. 1987) Class 1.

Smoke Emission assessment: BS6853:1999 Appendix D.8.4

This product is approved for use with in the rail industry and on London Underground.

This Product Data is compiled to be of assistance but is without guarantee. Users are responsible for safe working practices. Always refer to msds for full information before using this product.