PRODUCT DATA

tensid® uk ltd

AGS Graffi Coat 102 ®

One coat, high performance anti-graffiti coating

Description and use

AGS Graffi Coat 102 is a one component, moisture cured polyurethane coating. This high performance 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.

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

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*

TECHNICAL DATA

Appearance:	N/A
pH Value:	N/A
Boiling Point:	> 180^{0}C

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 5^{0}C or above 30^{0}C.
Relative humidity should not exceed 85%.
Drying times at 20^{0}C 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 Graffi 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 Graffi Green. 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. The surface must be completely dry.
2. Stir thoroughly & close and seal can when not in use.
3.Apply an even coat by brush, roller, or airless sprayer. If using a roller, ensure it is mohair and note that the roller and tray 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 and tray.
4. 250 bar is required to spray undiluted product. Graffi 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 Graffi Green or Xylene

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Graffiti Removal

Remove graffiti using Graffi Green (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 - 10m^2 per litre. It is important that the application reaches the specified coverage rate i.e. 0.125 - 0.1 litre per m2 or to a dry film thickness not exceeding 100 micron. Over application can result in whitening of the coating when cured.

Safety Information

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

Packing

5 litre containers.

Shelf Life

Graffi Coat 102 may be stored for a maximum of 6 months in a tightly sealed, unopened container. Store in ambient temperatures not below 5^{0}C or above 30^{0}C. Protect from frost.

This Product Data is compiled to be of assistance but is without gurantee. Users are responsible for safe working practices. Always refer to Material Safety Data Sheets (MSDS) for full information before using this product.

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