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- Graffiti Removal
- Fire Damage Cleaning
- Building Washdown's
- Oil Spills
- Stain Removal
- Maintenance Programs

Graffiti Eaters Invisible Non Sacrificial

DESCRIPTION

Graffiti Eaters Invisible Non Sacrificial coating is ideal for protecting vertical surfaces, by providing a barrier against graffiti, oil and pollution. It resists surface tension and the penetration of most types of graffiti. It provides an invisible and vapour permeable film that does not change the appearance of the original surface and provides a hard wearing protection to the surface once applied. It allows fast and cost effective removal of graffiti.

Graffiti Eaters Invisible Non Sacrificial coating is a water-based solution used to protect surfaces from damage caused by graffiti and pollution as well as meeting the most stringent VOC regulations. It is a non-sacrificial coating and hence long term surface protection is achieved after a single application. It's non film-forming characteristics mean that the coating penetrates even the smallest pores without modifying the optical appearance of the substrate. Graffiti on surfaces protected with Graffiti Eaters Invisible Non Sacrificial can be removed using mild removal solutions and hot water under pressure, making it the ideal solution where environmental considerations are a concern.

Graffiti Eaters Invisible Non Sacrificial Coating can be used to protect a wide variety of porous materials used in construction, retail, municipality, hospital and urban environments. Some uses include protecting walls, facades and roofs.

Typical Properties and Application Data

CLASSIFICATION	Water based co-polymer	APPLICATION CONDITIONS	Min Max
FINISH	Invisible	Air Temperature	5°C 30°C
COLOUR	Clear	Substrate Surface Temperature	5°C 35°C
		Relative Humidity	40% 85%
COMPONENTS	One	Wet film per coat (microns)	Not Applicable. Refer to typical systems guide for spreading rate.
SOLIDS BY VOLUME	Not Applicable	Dry film per coat (microns)	
VOC LEVEL	<1 g/L	Not applicable	
FLASH POINT		SUITABLE SUBSTRATES	Vertical porous masonry surfaces (clay bricks, natural stone, concrete).
POT LIFE	Not applicable		
MIXING RATIO (V/V)	Single Pack	TOPCOATS	Graffiti Eaters Invisible Sacrificial can be used for extra protection.
	Mix thoroughly in container prior to use.	APPLICATION METHODS	Conventional, airless spray or air assisted spray, using low pressure.
THINNER	Not Required		

Graffiti Eaters Non Sacrificial Invisible

Drying Characteristics

			Recoat Times	
Temperature	Humidity	Full Cure	Minimum	Maximum
25° C	50%	7 Days	24 Hours	Indefinite

These figures are given as a guide only, as ventilation, film thickness, humidity and other factors will influence the rate of drying.

PROCEDURE

PREPARATION

1. Any previous coatings or sealants must be removed prior to application of Graffiti Eaters Invisible Non Sacrificial. The surface must be free from contaminants including grease, oil, dirt and other loosely adhering materials. Cleaning with an industrial detergent and hot water or with a high-pressure cleaner may be required for heavily soiled surfaces. Soft and easily damaged substrates, such as Limestone and some Sandstone, may require specialized preparation prior to treatment with Graffiti Eaters Invisible Non Sacrificial. Refer to your Graffiti Eaters Protective Coatings Specifications Consultant for specific advice.

APPLICATION

2. Surface should be pH neutral. Application over strongly alkali surfaces (such as new concrete) may affect the performance of Graffiti Eaters Invisible Non Sacrificial.
3. Ensure the surface is dry before applying Graffiti Eater Non Sacrificial Invisible. The substrate pores need to be substantially dry and free of water to ensure maximum penetration and coating of Graffiti Eaters Invisible Non Sacrificial.
4. Apply one or two layers of Graffiti Eaters Invisible Non Sacrificial to the surface being protected using low pressure spray. The amount of coating required will vary in relation to the porosity of the surface being coated. Subsequent layers must be applied while the coating is still wet. Once allowed to dry no further material can be added. Refer to the recommended system guide for a rough indication of the spreading rates required for the surface to be protected.

GENERAL CLEANING AND GRAFFITI REMOVAL

1. Hot water under pressure is the most effective and fastest cleaning method. When cleaning, a continuous flow of hot water above 75°C is recommended. Use a minimum 45° angle flat spray tip. Pressure should not exceed 65 bar and a spray distance of 10cm should be maintained. Avoid higher pressure water washing as this causes abrasion and may compromise the protective treatment.
2. For areas polluted with vegetable oil, motor oil, grease or paint, the use of cleaning agents or

grease removers may be required.

TYPICAL SYSTEMS

(The typical systems are offered as a guide only and are not to be used as a specification. It is recommended that the specific needs of a project be discussed with a Graffiti Eater Technical Advisor.)

SURFACE	PREPARATION GUIDE	SYSTEM		COVERAGE (m²/L)
POROUS (clay bricks, natural stone, concrete)	Clean and degrease surface to remove contaminants.	1st Coat	GE Invisible Non Sacrificial (1-2 passes)*	5
		1 st Coat 2 nd Coat	GE Invisible Non Sacrificial (1-2 passes*) GE Sacrificial (1 pass)	5 3-4
VERY POROUS (sandstone)	Clean and degrease surface to remove contaminants.	1st Coat	GE Invisible Non Sacrificial (2-3passes)*	3-4
		1 st Coat 2 nd Coat	GE Invisible Non Sacrificial (2-3 passes)* GE Invisible Sacrificial (1 pass)	3-4 2-3
		3 rd Coat	GE Invisible Sacrificial (1 pass)	2-3

*Multiple passes need to be applied wet on wet.

Surface Preparation: Any previous coatings or sealants must be removed prior to application of Graffiti Eaters Invisible Non Sacrificial coating. Any pre existing coatings will limit the effectiveness of Graffiti Eaters Invisible Non Sacrificial coating. The surface must be dry and free from contaminants including grease, oil, dirt and other loosely adhering materials.

APPLICATION

BRUSH/ROLLER
CONVENTIONAL SPRAY
AIRLESS SPRAY

Suitable for small areas only. Apply even coats of the material to the prepared surface. Apply in multiple wet coats overlapping each pass 50%. Standard airless spray equipment. Tips between 0.17mm and 0.21mm are suggested to avoid excess material being applied. Avoid flooding the surface.

PRECAUTIONS

Graffiti Eaters Invisible Non Sacrificial is an industrial product designed for use by experienced Protective Coating applicators. Where conditions may require variation from the recommendations on this Product Data Sheet contact your Graffiti Eater Technical Advisor for advice prior to coating. Do not apply in conditions outside the parameters stated in this document without the express written consent of The Graffiti Eaters Pty Ltd. Do not apply at temperatures below 5°C. Where multiple passes are required the product must be applied wet on wet. Once it has dried additional coats can no longer be applied. Excessively rapid drying can limit the effectiveness of the product. Soft and easily damaged substrates, such as Limestone and some Sandstone, may require specialized preparation prior to treatment with Graffiti Eater Invisible Non Sacrificial. Do not apply in conditions outside those recommended on this data sheet. The Graffiti Eaters Pty Ltd cannot guarantee that every type of graffiti can be completely removed. Highest protection is achieved after 7 days of curing. Do not use this product without reference to a Graffiti Eaters Technical Advisor for specific advice.

CLEAN UP

Clean all equipment with warm water and biodegradable water based detergent.

OVERCOATING

The surface must be free of oil, grease and other contaminants. Pre clean surface with water under pressure at 8.3 to 10.3 MPa (1,200 – 1,500 p.s.i.) to remove loosely adhering chalk and dust. Abrasion may be required depending on surface condition. Thorough abrasion will be required to remove existing Graffiti Eater Non Sacrificial Invisible coating before the system can be re-applied.

SAFETY PRECAUTIONS

STORAGE
HANDLING

Read Data Sheet, Safety Data Sheet and any precautionary labels on containers.

Store in a well-ventilated area. Keep containers closed at all times.

USING

As with any chemical, ingestion, inhalation and prolonged or repeated skin contact should be avoided by good occupational work practice. Eye protection approved to AS1337 should be worn where there is a risk of splashes entering the eyes. Always wash hands before smoking, eating, drinking or using the toilet.

FLAMMABILITY
DANGEROUS GOODS

Use with good ventilation and avoid inhalation of spray mists and fumes. If risk of inhalation of spray mists exists, wear combined organic vapour/particulate respirator. When spray painting, users should comply with the provisions of the respective State Spray Painting Regulations.

This product is non flammable.

Non Dangerous Goods.

Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.**