

# GRAFFITIGARD

## Environmentally friendly aqueous anti-graffiti coating

### Description

Graffitigard is a single part, sacrificial coating, normally applied in two coats and designed to provide a clear, protective, waterproof coating to a variety of surfaces including brick, stone and existing painted surfaces. Graffitigard is an aqueous blend of waxes, which when cured, is easily removed by the application of hot water or steam, causing the wax coating and any graffiti to melt. The material may be applied to painted or unpainted substrates.

### Advantages

- One component, ready for immediate use with rapid drying characteristics.
- Unaffected by ice, water and most commonly used chemicals and solvents.
- Suppresses efflorescence. Reduces the absorption of water and chlorides and sulphate attack.
- Unaffected by ultra violet light, will not discolour and is highly weather resistant.
- Graffiti easily removed using water.
- Resistant to fungus and mould growth.
- Excellent waterproofing properties.
- Excellent adhesion to a wide range of substrates.

### Surface Preparation

All substrates should be sound, clean and free from efflorescence, laitence, oil and grease. Loose material should be removed prior to application. The surface should be dry, or slightly damp, but not wet.

### Priming

Priming is not necessary, though on very porous surfaces the first coat application may penetrate deeply and therefore perform as primer.

### Application Instructions

Graffitigard is one part and ready to use. For painted surfaces, apply by brush, roller or suitable spray equipment, for unpainted surfaces apply by brush or roller at the required coverage rates. Avoid over-application and on surfaces with a rough profile, apply sparingly by brush to avoid running. After use and at break times, clean all tools and equipment immediately with clean water. Hardened material should be cleaned off with hot water >80°C.

### Technical Information

Solvent	Water
Density	Approximately 1
pH	9.5 - 10
Viscosity	<50 sec. (ISO 4mm Cup) @ 20°C
Appearance	Off-white/Yellow/Buff liquid
Drying Time	Upto 5 hours
UV Stability	Very Good
Flash Point	None
Application Temperature Range	5°C - 25°C

### Coverage Guide

Details on the exact coverage rate may be determined by undertaking a trial area of 1-2 m<sup>2</sup>.

Lime Sandstone	0.2 - 0.3 litres/m <sup>2</sup>
Natural Stone	0.3 - 0.8 litres/m <sup>2</sup>
Brick	0.2 - 0.3 litres/m <sup>2</sup>
Granite	0.1 - 0.2 litres/m <sup>2</sup>
Concrete	0.2 - 0.3 litres/m <sup>2</sup>
Plaster	0.2 - 0.3 litres/m <sup>2</sup>
Metal	0.1 litres/m <sup>2</sup>

## **Removal**

The wax coating and graffiti may be removed with the use of steam or hot water >80°C. In either case, removal may be assisted by light scrubbing with a hard-bristled brush or soft-metal brush. The use of a pressure steam cleaner may remove graffiti without the need for brushing. Debris removed may be wiped off, or "chased" down to the foot of the wall.

## **Re-Application**

Cleaning may remove all or part of the wax coating, once cleaning is completed, allow to surface-dry, then apply 1 or 2 coats of Antigrafitti as required.

## **Packaging**

Graffitigard is available in 5, 20 and 200 litre units.

## **Storage**

Materials should be stored away from direct sunlight in dry, frost-free conditions. Shelf life 6 months for unopened packs when stored correctly.

## **Health & Safety**

Graffitigard is not classified as flammable under current regulations and is classified as low hazard. Protective gloves and safety goggles should be worn and any material should be washed from the skin and eyes with clean water before it dries.

## **Limitations**

Do not apply in rain or if rain is expected. Applying the coating too thickly may result in a white bloom making removal more difficult. Protect from overnight frost. Strong wind and direct sun will reduce drying times of the coating and may affect the depth of penetration. Any areas not be coated should be masked off prior to application.

## **Technical Support**

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available throughout the UK to provide further information and arrange demonstrations.



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