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Sacrificial anti-graffiti coating

PERFORMANCE CHEMICALS' pioneering work in applied wax technologies has resulted in an innovative water based, wax emulsion solution to the problem of graffiti.

The company's new solvent-free, environmentally friendly sacrificial protective coating offers low visibility when dry, ease of removal and is fully permeable.

Unlike solvent based permanent coatings, PERFORMANCE'S sacrificial anti-graffiti product can be quickly and effectively removed by high-pressure hot water. This efficient two-coat system is seen as the first of a series of surface coatings which will offer protection for concrete and masonry surfaces e.g. anti-fly poster coating; protection against pollution.

TYPICAL APPLICATIONS

- External walls in city, town or public areas
- Public buildings, libraries, town halls/ schools
- Historic buildings/ monuments
- Private sector buildings/ banks, shops
- Railway stations, embankments, bridges
- Public transport terminals
- Protective surface coating against grease in food preparation areas

KEY FEATURES

- Highly efficient, two-coat system
- Non-permanent/ solvent-free
- Easily removable by high-pressure hot water
- Drying time typically 30 minutes - 1 20 minutes
- Fully permeable, allows protected surface to breathe
- No degradation of host material
- Suitable for brickwork or concrete
- Applied by spray

Sacrificial Anti-Graffiti Coating

SPRAY GRADE

PRODUCT DESCRIPTION

PERFORMANCE SG is an aqueous dispersion of a polymer/wax blend.

TYPICAL PROPERTIES

(not to be taken as a specification)

Solids content	6 -10%
pH	7-8 (typical)
Viscosity	The product is a shear thinning fluid. Sag and run are therefore minimised during application, especially on vertical surfaces. It is designed to be applied by spray.

The product is applied twice with some intermediate drying.

Consumption	Varies dependent upon type of surface, its porosity and capillarity etc.
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Guideline: concrete, brick 0.1 -0.15L/m² per coat.

Minimum storage temperature - 5oC.

PREPARATION

Surface should be free of contamination, graffiti and paint residue.

Doors, windows or other areas not requiring coating should be masked/protected in the usual manner.

For maximum performance the product should only be applied to vertical surfaces.

EXTERIOR REMOVAL OF GRAFFITI

Generally by high pressure hot water, 90oC and 90-150 bar (1300 - 2175PSI).

When removing the graffiti one or both of the protective coatings are removed.

Re-protect the surface with two coats of PERFORMANCE SG.

PRODUCT APPEARANCE ON SURFACE

Clear or invisible when dry, depending on the type of surface it is applied to.

ZERO SPREAD OF FLAME

Currently awaiting final certification.

Coatings of representative PERFORMANCE SG anti-graffiti products on concrete and aluminium have shown excellent results for two British Standard Fire Propagation Tests - BS476 Parts 6 & 7 - conducted by an independent Test House.

Performance SG achieved the best classification possible for each test, 0 and 1 respectively.