



The Chemical Company

Protectosil[®] ANTIGRAFFITI

Permanent graffiti protection for porous mineral building materials

Description

Protectosil[®]CIT is an aqueous ready to use, zero viscosity high performance antigraffiti treatment for masonry, concrete and natural stone.

Product Description

A water-borne breathable, anti-graffiti treatment for use on concrete, brick, concrete masonry units and natural stone. Protectosil[®]ANTIGRAFFITI protects surfaces to allow the easy removal of a wide variety of graffiti, including spray-paint, permanent markers, ink, bituminous paints, asphalt sealers and other solvent or water borne paints. Because of the superior performance, standard non-hazardous cleaners, and low pressure waterblasting is sufficient to remove most graffiti.

Protectosil[®]ANTIGRAFFITI is breathable and will not alter the natural appearance of the substrate. These properties make the product ideal for masonry walls.

Protectosil[®]ANTIGRAFFITI is based on silane chemistry so it will chemically bond to the substrate. This allows the material to undergo many cleaning cycles before retreatment is necessary.

It is especially suited for applications in which solvent borne products are not applicable, such as in states which have VOC regulations for AIM coatings. Protectosil[®]ANTIGRAFFITI is VOC compliant in all 50 states.

Product Description

Materials such as cast-in-place concrete, brick and block masonry, and natural stone can be protected from most graffiti. For buildings, walls, sound

barriers, piers, columns, bridges or other areas sensitive to the negative perception of graffiti.

To be used in conjunction with other Protectocil Chem Trete & Protetocil Aque-Trete water repellents to provide water and graffiti protection to the entire structure.

Other substrates that can be protected include sandstone, terracotta, hand molded bricks, limestone, granite and most natural stones.

Product Description

Protectosil[®]ANTIGRAFFITI is a patented silane-based mixture in water. It provides a clear, nearly invisible barrier against the most common graffiti products such as spray paints and markers. Depending on the severity and type of graffiti and the cleaning methods used, up to ten cleanings can be expected from each application. If needed, additional Protectosil[®]ANTIGRAFFITI can be applied to the only affected area without a visible difference on the substrate.

The main benefits of the product are:

- Non-sacrificial
- Zero VOC
- Breathable
- Clear
- Excellent UV stability
- Resistance to alkali attack
- Tack-free after drying
- Will not blush, peel or yellow
- Easy to apply



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Limitations

Will leave residue on non-porous materials such as glass, metal and painted surfaces. Shrubbery and plant life should be protected from overspray.

Should not be applied if the surface temperatures are below 40°F or above 100°F, if rain is expected within two hours following application, or if high winds or other conditions prevent proper application. If rain precedes the application the surface should be allowed to dry at least 24 hours.

Technical data/Typical properties*

*Properties listed are only for guidance and are not a guarantee of performance

Colour	Light Yellow
Density	1.06
pH	4
Flash Point	>90
Viscosity	1.6

Installation

Concrete must be allowed to cure for a minimum of 28 days. All repainting must be completed and allowed to cure at least 3 days. Concrete repair and replacement must be completed before application of Protectosil[®] ANTIGRAFFITI. Patching materials, caulking, sealing materials and traffic paints must be fully cured before application.

All surfaces must be cleaned to remove all traces of graffiti, dirt, dust, efflorescence, mold, salt, grease, oil asphalt, laitance, curing compounds, paint, coatings and other foreign materials. Acceptable surface cleaning methods include shot blasting, sandblasting, water blasting and chemical cleaners. Check with your local Protectosil representative to verify that surface preparation is adequate.

Protectosil[®] ANTIGRAFFITI should be applied using rollers, brushes, or equipment that will not atomize the material. If power rolling use, a roller with a 1" nap. Do not apply a wet or damp substrate. Do not alter or dilute the material.

Application rates are dependent on porosity and surface roughness of the substrate. Therefore, it is required to apply a test area to determine actual coverage rate and number of coats of Protectosil[®] ANTIGRAFFITI before starting the project.

Protect glass, metal, and other porous substrates from overspray. Protectosil[®] ANTIGRAFFITI will not etch glass but will leave a residue on non-porous surfaces. Some darkening of the surface may occur depending on the amount of Protectosil[®] ANTIGRAFFITI applied and the colour and texture of the substrate. It is required to apply a test patch to verify actual condition on the substrate.

Packaging

Protectosil[®] ANTIGRAFFITI is supplied in 200 litre and 20 litre containers.

Precautions: The Protectosil[®] ANTIGRAFFITI product containers should be kept closed when not in use and should be stored at temperatures between 3°C and 40°C, and away from rain and standing water.

Graffiti Removal

Protectosil[®] ANTIGRAFFITI is designed to allow easy removal of paint, markers and other types of graffiti from concrete, masonry and natural stone substrates. Acceptable methods to remove graffiti



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include: commercial paint removers, graffiti cleaners, high pressure water, steam cleaning and proprietary cleaners, contact your BASF Construction Chemicals representative.

If high pressure water is used, care must be taken so as to not etch the substrate. Removing the substrate also remove the anti-graffiti effect imparted by Protectosil[®] ANTIGRAFFITI.

Storage

Store under cover, out of direct sunlight and protect from extremes of temperatures.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult BASF Construction Chemicals SA's Technical Services Department.

Safety precautions

As with all chemical products, care should be taken during use and storage to avoid contact with eyes mouth, skin and foodstuffs (which can also be tainted with vapour until product fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use.

Note

For professional use only

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF Construction Chemicals SA representative. BASF Construction Chemicals SA. reserves the right to have the true cause of any difficulty determined by accepted test methods

Quality and care

All products originating from BASF Construction Chemicals' SA facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001:2000.

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

As all BASF's technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

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