

PRODUCT NAME

Graffiti-Shield Plus 100

Anti-Graffiti Coating



MANUFACTURER

Gemite Products Inc.

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FEATURES

- Excellent graffiti-protection
- Easy to clean using cold water
- Superior durability
- High abrasion resistance
- Excellent UV resistance
- Superior bond
- Fungus and mold resistant
- Nonflammable
- Economical
- Spray, roller or brush applied
- High chemical resistance

PRODUCT DESCRIPTION

Basic Use

Anti-graffiti protection of wall surfaces.

Composition and Materials

Graffiti-Shield Plus 100TM is based on oilphobic/hydrophobic silicocone resin system. *Graffiti-Shield Plus 100* system is suitable for exterior applications. It provides protection against exterior elements such as rain, sun and UV. It will slightly darken an uncoated surface. *Graffiti-Shield Plus 100* is a high performance coating, especially formulated for graffiti protection of concrete & steel walls. *Graffiti-Shield Plus 100* will also function on concrete brick and stucco, to varying degrees depending upon the porosity of the substrate.

Limitations

Do not apply *Graffiti-Shield Plus 100* when air temperature or surface temperature are or likely to be lower than 41°F (5°C) or when rain is imminent.

Check for bond of *Graffiti-Shield Plus 100* prior to its application over previously painted surfaces. It is important that the surfaces to which *Graffiti-Shield Plus 100* is to be applied are smooth. Highly porous surfaces with bug holes and roughness will allow the graffiti materials to “lock” in the surface crevices and make the cleaning much more difficult.

Some graffiti may remain on rough surfaces, even after the cleaning.

Health and Safety

Graffiti-Shield Plus 100 is flammable. If contact with skin occurs, wash with water. Harmful if digested. Keep the products out of reach of children. For industrial use only where the personal

protective equipment is required and mandatory. Consult MSDS for additional information.

Colors

Graffiti-Shield Plus 100 is a clear coating.

Packaging

Graffiti-Shield Plus 100 is packaged in 20 L (5.26 USG) pails.

Coverage

Graffiti-Shield Plus 100 can be applied in thickness varying from 0.5 mm (20 mils) to 0.1 mm (4 mils) at coverage of 2m²/L to 10 m²/L (80 ft²/USG - 400 ft²/USG) respectively. Several coats are needed for building up thicker layers.

Storage and Transportation

Graffiti-Shield Plus 100 has a shelf-life of 12 months when stored in unopened containers on pallets in a cool dry area. Containers once opened and exposed to air will form a thick film on the surface and the coating will continue to thicken. Once the container is opened it should be used up till empty.

TECHNICAL DATA (*Graffiti Shield Plus*)

Solids content	75%
Calculated VOC	<250 g/L (0.5 lbs/USG)
Flash Point, closed cup	49 °C (120 °F)
Density at 25°C (77°C) @10 rpm	5500 cps
Appearance	Hazy

INSTALLATION

Current Guide Specifications and Application instructions contain information specific to each application and must be followed.

Surface Preparation

Remove all loose, delaminated and oil contaminated concrete and clean the surface by a high pressure water or other means to remove any laitence, dust, dirt, oil and loose paint.

Acid cleaning is not recommended. If the surface is rough, trowel a thin layer of *Gem-Plast TC* to obtain a smooth surface. In some cases, where a smooth surface can not be achieved, the effectiveness of graffiti protection may be reduced due to its roughness & porosity .

Application

One coat of *Graffiti-Shield Plus 100* is sufficient for most applications. Apply *Graffiti-Shield Plus 100* to a small, inconspicuous surface area to test the product compatibility with the substrate. *Graffiti-Shield Plus 100* can be applied by brush, or roller. Use approx. 1/4 in (6 mm) nap, shorter the better, as higher nap may introduce air bubbles in the film. *Graffiti-Shield Plus 100* can be also applied using industrial paint airless

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spraying equipment. *Graffiti-Shield Plus 100* should be applied in a thin coat, so that runs do not occur. Any runs should be brushed or rolled out as they occur, and not allowed to cure hard.

Curing

Graffiti-Shield Plus 100 will cure quickly when exposed to humidity and drying to tack free surface. It will achieve a full cure within several days.

Equipment Clean Up

All tools and equipment should be cleaned with MEK solvent immediately after use.

Graffiti Clean UP

Use approximately 8.3 MPa, (1,200 psi), cold water wash to remove the graffiti from the surface of the *Graffiti-Shield Plus 100* coating. **Some graffiti may remain on rough surfaces even after the cleaning.**

AVAILABILITY AND COST

Graffiti-Shield Plus 100 is available worldwide. Contact the manufacturer for the name of the nearest Representative/Distributor and pricing information.

WARRANTY

A limited twelve (12) month Material Replacement Warranty is available. For complete details contact Gemite's Head Office.

TECHNICAL SERVICE

For advice on suitability of *Graffiti-Shield Plus 100* for specific application, Specification assistance and application advice, contact Technical Service: USA 888-443-6483 or Canada 905-672-2020.

Short Specification

The anti-graffiti protective coating will be silicone rubber based *Graffiti-Shield Plus 100*, manufactured by Gemite Products Inc., [USA 888-8844384 [Canada 905-672-2020]. It will meet all the Technical Data specified in the current *Graffiti-Shield Plus 100* Product Data Sheet.