

SHIELD MAX

Graffiti Solutions

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SACRIFICIAL ANTI-GRAFFITI PROTECTIVE COATING INTERIOR/EXTERIOR FOR POROUS AND HARD SURFACES

GENERAL DESCRIPTION

SHIELD MAX is an invisible water-carried all-weather long-term protection, formulated for most types of surfaces. Provides extra strong protection against spray paint and marker or felt tip pens. Protects against airborne pollution and moisture for a minimum of 5 years. Permeable and allows protected surfaces to breathe. Correctly applied, life expectancy against graffiti is approximately 5 years. Prevents graffiti from penetrating into substrate. A sacrificial protection coating will always need to be re-applied after every removal process to re-protect the surface.

APPLICATION INSTRUCTIONS

- **Preparation:** Clean off both graffiti and other contamination, such as traffic dirt, wax, oil and paint residue, etc. from substrate. Mask and protect windows in a suitable manner. Ideal temperature for external application should be between 50° F-95° F. Minimum temperature is 47° F. Relative humidity must not exceed 95%.
- **Exterior Protection: Shake or stir product well prior to use. SHIELD MAX** can be applied with an airless sprayer, hand trigger sprayer, pump sprayer or roller. The protection is applied 2-3 times. NOTE: Allow some intermediate drying.
SHIELD MAX can be applied to a damp, not wet, surface. Runs and/or excessive application can easily be washed off with water, following completion of work.
- **Interior Protection:** Painted substrate can be protected using a squeegee, brush, roller or with low pressure spray in combination with a squeegee. The protection is applied three times.

SAFETY INSTRUCTIONS FOR USE

- **Always wear protective eye wear and chemical resistant gloves during handling and use.**
- Protect all exposed skin areas with chemical resistant covering.
- If product gets on skin, wash off immediately. If product gets in eyes, flush with water for 15 minutes.
- Use respirator if sprayed.
- **FOR PROFESSIONAL USE ONLY.**

EXTERIOR REMOVAL INSTRUCTIONS

- **Method 1 - Normal Substrate:**
Remove graffiti with high pressure hot water at 1000-2000 PSI and 190° F. In difficult case **GRAFFITI SOLUTIONS** Graffiti Removers are used in a conventional manner. Re-protect cleaned area.
- **Method 2 - Sensitive Substrate:**
Apply **GRAFFITI SOLUTIONS SHADOW MAX** with a low pressure sprayer. Allow a few minutes for the remover to act and then rinse off with hot water at 800-1200 PSI and 190° F. The method is most suitable when substrate is brittle.

INTERIOR REMOVAL INSTRUCTIONS

- **Painted Substrate:** Dampen the area with **SHADOW MAX** and wipe off the graffiti with cloth. If possible, use high pressure hot water and wet vac machines.
- **Porous Substrate:** Rinse off with hot water and wet vac.
- When removing graffiti, the protective coating is also normally removed. Re-protect 2-3 times with **SHIELD MAX**.

SPEC'S - GENERAL PROPERTIES

CONSISTENCY

Use concentrated. **Shake well** before use.

COVERAGE

Coverage varies according to the porosity of the surface and how much the material soaks up the product by capillary action. Concrete, rough cast cement, bricks, etc: 200-400 sq. feet per gallon
Sandstone, cinder blocks and other absorbent surfaces: 80-200 sq. feet per gallon.

TEMPERATURE USAGE

Ideal surface temperatures are between 50° F- 95° F. Relative humidity is not to exceed 95%.

STORAGE

Between 40° F and 130° F. DO NOT FREEZE.

BIODEGRADABLE

Yes

FLAMMABILITY

Nonflammable, noncombustible.

SHIPPING

Not regulated, D.O.T. Proper shipping name: Cleaning Compound N.O.S., Class 55.

VOLATILITY

Very low rate of evaporation. Ventilation required in confined areas. Respirator if sprayed.

V.O.C.s

.4 lbs./gal., 50 grams/liter H.A.P.S.-none.

DRYING PERIOD

The protected surface will be water and graffiti resistant after 2 hours and dry after 4 hours. Ultimate protective effect will be achieved after 72 hours.

APPEARANCE

Transparent, mostly invisible dependent on type of surface. UV resistant. Weather, water and graffiti resistant. NOTE: Some building materials can darken or become shiny.