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## GRAFFITI-SHIELD™

### Water-Based Anti-Graffiti Coating

#### DESCRIPTION

GRAFFITI-SHIELD is a water-based, modified acrylic polymer emulsion, high performance coating, especially formulated for graffiti protection of concrete and walls painted with TUFF-FLEX, RAIN-SHIELD STAIN, and other wall coatings manufactured by W. R. MEADOWS. GRAFFITI-SHIELD will also function on concrete brick and stucco to varying degrees, depending upon the porosity of the substrate.

The GRAFFITI-SHIELD system consists of the original GRAFFITI-SHIELD product, GRAFFITI-SHIELD CLEANER, and GRAFFITI-SHIELD RE-COAT. GRAFFITI-SHIELD is suitable for interior or exterior application and does not change the colour of a painted substrate.

#### USES

GRAFFITI-SHIELD is used for anti-graffiti protection of wall surfaces. The product is suitable for interior or exterior application and does not change the colour of a painted substrate.

#### FEATURES/BENEFITS

- Excellent graffiti-protection
- Easy to clean
- Superior durability
- High abrasion resistance
- Excellent UV resistance
- Superior bond
- Fungus and mold resistant
- Non-flammable
- Cost-effective
- Spray, roller or brush applied
- High chemical resistance

#### PACKAGING

20 L (5.3 Gal.) Pails

#### COVERAGE

6.1 - 7.3 m<sup>2</sup>/L (250 - 300 ft.<sup>2</sup>/gal.)

#### SHELF LIFE

When stored on pallets in a dry, cool area, free from moisture and direct sunlight, shelf life is 12 months.

#### SPECIFICATIONS/STANDARDS

- Complies with Canada VOC Concentration Limits for Architectural Coatings Regulations.

#### TECHNICAL DATA

Viscosity	3 Poise, #4 Ford Cup 90 sec. @ 25° C
Toxicity	Non-Toxic
Colour	Clear
Solids Content by Weight	20%

#### APPLICATION

**Surface Preparation ...** Remove all loose, delaminated, and oil-contaminated concrete and clean the surface by high pressure water or other means to remove any laitance, dust, dirt, oil, and loose paint. Acid cleaning is not recommended. If the surface is rough, trowel a thin layer of GEM-PLAST TC from W. R. MEADOWS 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 and porosity.

**Application Method ...** One coat of GRAFFITI-SHIELD is sufficient for most applications. Apply GRAFFITI-SHIELD to a small, inconspicuous surface area to test product compatibility with the substrate. Previously painted surfaces should be checked for bond. If colour is required, use TUFF-FLEX or RAIN-SHIELD STAIN to paint the surface first. GRAFFITI-SHIELD can be applied by airless spray, brush, or roller. Use an approximately 6 mm (1/4") nap roller, the shorter the better, as higher nap may introduce air bubbles in the film. GRAFFITI-SHIELD 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. On rough surfaces that may "lock in" the graffiti, apply two coats of GRAFFITI-SHIELD.

To remove graffiti from substrates treated with GRAFFITI-SHIELD, first apply GRAFFITI-SHIELD CLEANER by spraying, rolling, or brushing. Spraying is preferable, particularly on rougher surfaces. Let GRAFFITI-SHIELD CLEANER act on the graffiti for 10 - 15 minutes and then wash with 14 - 17 MPa (2000 - 2500 psi) high pressure water. Some graffiti may remain on rough surfaces even after cleaning. After approximately 20 - 30 graffiti removals, the surface will require application of GRAFFITI-SHIELD RE-COAT in the same manner as the original GRAFFITI-SHIELD.

**Drying Time ...** GRAFFITI-SHIELD dries to a wet edge in 30 minutes. It dries to the touch in one hour. The product achieves full cure in two days at 20° C.

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**Clean Up ...** All tools and equipment should be cleaned with water immediately after use. Dried film can be removed by acetone.

## **PRECAUTIONS**

Do not apply GRAFFITI-SHIELD when air temperature or surface temperature are or likely to be lower than 5° C or when rain is imminent. Check for bond of GRAFFITI-SHIELD prior to application over previously painted surfaces. It is important that surfaces to which GRAFFITI-SHIELD are 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 cleaning much more difficult. Some graffiti may remain on rough surfaces, even after cleaning. Some uncoated concrete surfaces may appear slightly darker after application.



## **LIMITED WARRANTY**

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

## **Disclaimer**

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.