



4G Surface Guard

A permanent impregnation for mineral and other porous architectural surfaces specifically designed to repel the penetration of stains and graffiti into surfaces

Product Data Sheet

Product Code: WB0150

Issued: April 12, 2017

PRODUCT DESCRIPTION

4G SURFACE GUARD is a permanent water-based impregnation system for horizontal and vertical mineral and porous architectural surfaces. The treatment transforms natively absorbent surfaces into highly water and oil repellent surfaces (hydrophobic & oleophobic).

As an impregnation, it penetrates into mineral substrates through their natural absorbency and by gravity.

4G SURFACE GUARD is not a film forming sealant. It leaves the substrate fully vapor permeable. Once cured, 4G SURFACE GUARD is invisible to the human eye and does not change the surface friction.

Correctly applied and depending on conditions, life expectancy is approximately 10 years.



Historic Buildings

Decorative Sound Walls

Concrete Pavers



Stone Pavers

Freeway Infrastructure

Stone Walls

4G SURFACE GUARD for WALLS

Designed for maximum graffiti and grime repellence, including pollution, mold, and mildew.

4G SURFACE GUARD will protect the building material from permanent damage from graffiti stains and shadows, or potential damage from harsh cleaning methods.

4G SURFACE GUARD for FLOORS

Designed for abrasion resistance against normal mechanical stress from pedestrian traffic, various wheel-



based equipment and regular professional cleaning processes.

Liquid based grime repels and is largely inhibited from absorbing into the porous substrate and bonding with the mineral surface material.

Treated surfaces are much easier to clean and permanent staining is largely avoided.

Chewing gum, grease, grime, and graffiti are easier to remove and normally do not leave black spots or shadows.

4G SURFACE GUARD is suitable for most exterior and interior applications. Suitable surfaces include natural stone such as granite, marble, limestone, sandstone, travertine, and others. Concrete walls, masonry, and grout, cinderblock and split face rock, and most other mineral, porous and absorbant building materials.

FEATURES & BENEFITS

- Safe, quick and easy to apply by brush, roller, airless or pump sprayer.
- Fast drying time.
- Surfaces are easy to clean, leaving pristine results
- Invisible, preserves natural look and feel of surface.
- Water-based formula, no solvent and VOC, no odor
- Leaves surface vapor permeable.
- No change in co-efficient of friction, slip resistance.

**FOR EXPERT TECHNICAL ADVICE ON YOUR JOB,
PLEASE CALL 1-818-247-2555 OR
EMAIL SALES@GRAFFITIREMOVALINC.COM**



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INSTRUCTIONS FOR USE

Use 4G SURFACE GUARD product as provided.

Shake well before use. Do not dilute.

Surfaces must be clean and free of any previous coatings or sealants. It is normal and best practice to mask and protect windows in a suitable manner.

Easily applied by airless sprayer, HVLP, or low pressure pump up type sprayer. Brush, roller, or mop can also be used where appropriate.

Rapid, single step application, 1 or 2 wet on wet layers.



Handheld Pump-up Sprayer



High Volume Low Pressure Sprayer (HVLP)



Airless Sprayer

Already treated surfaces can be replenished as needed, without stripping first coat.

APPLICATION WITH WORLD'S BEST GRAFFITI COATING

For ultimate graffiti protection on walls impregnated with 4G SURFACE GUARD, an additional coat of WORLD'S BEST GRAFFITI COATING can be applied. Graffiti will wash off easily with just hot water alone.

This product information is intended as a guide for use of this product. Urban Restoration Group US Inc. cannot give any guarantee for end result achieved. The applicator of the product shall carry out testing and be responsible for the result.

COVERAGE GUIDELINES

160 - 240 sq.ft per gallon (4 - 6 m² per liter).

Drying Period

Fast drying time, treated surfaces accept normal stress after 2 - 5 hours.

Appearance on surface

- Invisible, preserves natural look and feel of surface.
- No change in co-efficient of friction, slip resistance.
- Transparent, mostly invisible dependent on type of surface. UV-resistant. Weather / water / graffiti resistant.
- Before commencing large scale use always test first to ensure finish is satisfactory.

SURFACE CLEANING ON PRE-TREATED SURFACES

Pollution, grime, grease, mold, and mildew is efficiently removed with a hot water pressure washer, or by brushing/brooming on WORLD'S BEST DETERGENT or FELTPEN FADEOUT. Severe oil stains can be removed with BARE BRICK STONE & MASONRY REMOVER. Graffiti can be removed using WORLD'S BEST REMOVERS in the conventional way.

If WORLD'S BEST GRAFFITI COATING was applied in addition to 4G SURFACE GUARD, remove graffiti with hot water and high pressure (~ 90°C / 200°F & 90-50 bar / 1300-2175 psi). Re-protect cleaned area with WORLD'S BEST GRAFFITI COATING.

TEMPERATURE USAGE

Ideal temperature for external application should be between 45° - 95°F / 8° - 35°C. Minimum temperature is 40°F / 5°C.

Relative humidity must not exceed 95%.

NB: Fresh concrete has to cure for at least 28 days before protection.

TECHNICAL DATA

Composition

Polyhaloalkyl methacrylic copolymer 1 - 5%.

Properties

Color: Straw.

Odor: Mild Acrylic.

PH: 4 - 6

Storage: Store in a frost-free environment in original container (> 40°F / 5°C & <100°F / 40°C)

Shelf Life: Approximately 2 years.

Precaution: Use protective clothing and gloves.

DOT Markings: Not classified as dangerous.



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See SDS for further information.

LEGAL DISCLAIMER

Read and follow label directions and observe all safety precautions in the use of this product. Because conditions of product use are outside of our control and vary widely, the following is made in lieu of all express or implied warranties: This product will conform to Urban Restoration Group US, Inc.'s published product specifications and be free from defects in material and manufacture on the date of purchase.

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