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
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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 invisible to the human eye and does not change the surface friction.

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

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.

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.

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

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URBAN RESTORATION GROUP US INC
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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.

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 FEELPEN 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.

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.

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See SDS for further information.

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