

VanHearron Technical Data

StainGuard5000

HIGH PERFORMANCE STAIN REPELLENT FOR UNGLAZED TILE, GROUT AND ALL POROUS NATURAL STONE

BENEFITS

- Repels stains, oil, food products, graffiti
 - Excellent resistance to water intrusion
 - No change in surface appearance
 - Breathable system
 - Deep penetration into the substrate
 - High resistance to alkali attack
 - VOC <50 g/l
 - High resistance to citric and other mild acids
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DESCRIPTION

StainGuard5000 is a clear, penetrating, breathable, VOC compliant, water, oil and graffiti resistant treatment for porous tile, grout, some natural stone. StainGuard5000 penetrates the surface and bonds chemically to the substrate, resulting in lifetime protection by reducing the ingress of water-borne and oil-based contaminants into the surface. StainGuard5000 is an excellent treatment around areas where food products such as mustard, ketchup, grease, milk, wine, beer and soft drinks are present. It is also suitable for use as an anti-graffiti treatment. StainGuard5000 keeps treated indoor and outdoor surfaces clean and easier to maintain.

USAGE

StainGuard5000 is suitable for a wide variety of applications, including floors, walls, swimming pool surrounds, patios, kitchens and entertaining areas.

ADVANTAGES

StainGuard5000 is designed to work without changing the natural appearance of the surface and is able to repel stains, oil and food products as well as graffiti. STAINGUARD 5000 is suitable for indoor and outdoor use and is able to seal hairline cracks up to 0.3 mm – does not flake or peel.

VanHearron's state-of-the-art protective treatments have developed a reputation by architects and building professionals as the premier solution for construction chemicals. VanHearron is dedicated to solving the destructive influence water intrusion and other elements have on building materials.

LIMITATIONS

Not intended for below-grade waterproofing. Should not be applied if the surface temperature is below 20° F or above 100° F, if rain is expected within six hours following application, or if high winds or other conditions prevent proper application. If rain has preceded the application, the surface should be allowed to dry at least 24 hours. Caution should be taken with windows, motor vehicles, vegetation and adjacent surfaces. Check compatibility before application.

APPLICATION:

All surfaces must be cleaned to remove all traces of dirt, dust, efflorescence, mold, salt, grease, oil, asphalt, laitance, curing compounds, paint, coatings and other contaminants. Acceptable surface cleaning methods include shot blasting, sandblasting, and water blasting and chemical cleaners. Check with your VanHearron representative to verify suitable cleaning methods, products and that the surface preparation is adequate. Before applying, it is recommended that preliminary tests be carried out to determine usage and to test the effectiveness of the treatment. Depending on the porosity of each designated surface, coverage rates can vary. Typical coverage is approximately 200-2000 square feet per gallon depending on specific application and surface porosity. StainGuard5000 should be applied by low-pressure (15 to 25 psi) pumping equipment with a wet fan type spray nozzle. Alternate methods include nap roller (1") or by brush.

Horizontal surfaces should be treated until material puddles or stands on the surface. After ten minutes sweep, squeegee, or mop any remaining material to dry areas.

Vertical surfaces should be treated using a wet-on-wet technique by applying from the bottom up with six to eight inch run down from the bottom of the spray pattern.

During application, precautions should be taken to protect the surrounding area from overspray and run off. StainGuard5000 will not etch glass but will leave a residue on non-porous surfaces.

Precautions: StainGuard5000 should be kept closed when not in use and should be stored at temperatures between 35° F and 120° F. Care should be taken to prevent moisture condensation in the container. Please refer to the Material Safety Data Sheet for more detailed information.

AVAILABILITY:

StainGuard5000 is available in 8 oz., 16 oz., 1 quart, 1 and 5 gallon containers distributors throughout the United States.

TECHNICAL SERVICE:

Technical service engineers and chemists are available to answer questions on product performance, application methods and chemical composition.

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