



Tailored Floor Safety Risk Management, not just Non Slip Floors!
Home Safe, Work Safe, GLOBAL SAFE©

What is VersaGuard42 Product Data Sheet

“Protecting concrete from the inside...out.”

VersaGuard42 - with InnerCrete™ Membrane Technology, modifies the concrete to create a permanent and consistent membrane from 1mm to 3mm below the surface and retains the surface profile. This proprietary technology creates an impermeable barrier that is the most effective solution to permanently protect concrete and other cement-based materials from coating delamination, water penetration, hairline cracking, surface abrasion and erosion, stains and odours, micro-organism growth, efflorescence, dusting, chemical attack and other destructive environmental elements.

VersaGuard42 provides complete versatility. The concrete mass remains permanently protected by the internal InnerCrete™ Membrane that is created yet the surface retains its profile for coating / paint application if desired.

There is no visible change to the appearance of the concrete once treated with **VersaGuard42**.

PROTECTING CONCRETE FROM

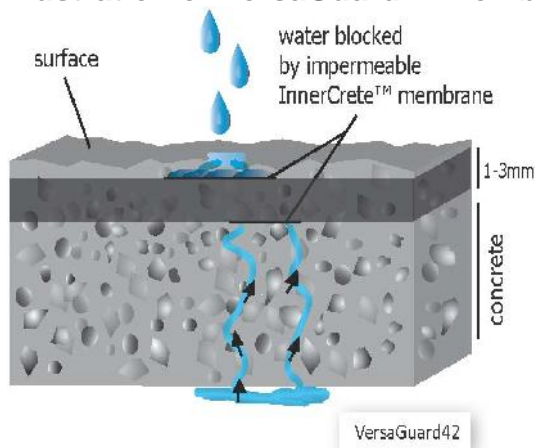
It is the most effective, eco-friendly solution to protect concrete and cement-based materials from:

- Water Penetration
- Hairline Cracking
- Efflorescence Prevention
- Rebar Corrosion • Rebar Corrosion
- Coating Delamination / Coating Failure
- Freeze / Thaw Impact
- De-Icing Salt Corrosion/Pitting
- Abrasion and Erosion
- Environmental Factors
- Oil, Stains, and Odours
- Dusting / Chalking
- Mold and Mildew



VersaGuard chemically modifies the concrete to create a permanent, integral and consistent waterproofing membrane from 1mm to 3mm below the surface. The **surface profile is maintained**, so can be painted or coated with optimal adhesion or left with its natural finish. VersaGuard provides complete waterproofing protection and versatility and eliminates the need for traditional sealants or coatings.

Illustration of VersaGuard42 Membrane



VersaGuard 42	
Permanent	Yes
Main Use	Concrete protection for surfaces that can be painted or coated
Impermeable to Water	Yes
Affected by External Factors (ie. UV)	No
Contains VOCs	No
Paintable	Yes
Application	Low-pressure sprayer
Required Surface for Application	Bare concrete / cement-based materials
Surface Profile Maintained	Yes
Reapplication Needed	No
Visual Surface Repellency	No

VersaGuard42 maintains concrete breathability while improving durability and reducing maintenance requirements.



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FOR USE ON

VersaGuard42 is for use on

- All new and existing concrete and cement-based materials with an unpainted, untreated surface.
- For indoor and outdoor use
- For vertical and horizontal surfaces

APPLICATIONS

Any concrete surface where paint or a coating **will / may** be applied

Bridges, roads and infrastructure

Car parks (Above and below ground)

Pre-cast concrete and tilt-ups

Foundations and buildings envelopes

Water and sewage – Pipes, chambers and facilities

Containment and valve chambers (Above and below ground)

Architectural surfaces, facades and entrances

Commercial and industrial plants and facilities

Elevator and equipment pits

Marine structures

Stadiums, arenas and public facilities

BENEFITS

- No VOC's
- Fully biodegradable, non-toxic and eco-friendly
- Permanent – no need for reapplication
- Maintains concrete breathability
- Ready to use and easy application
- Natural look of the concrete is maintained
- Versatile – surface profile is maintained for future coating application if desired
- Improved concrete durability and longevity
- Reduces long-term maintenance costs
- Cost effective

SURFACE PREPARATION

Surface must be clean and free of any paint, oil, coating or surface sealant, which blocks the penetration of the product to the concrete. Surface can be wet or dry however, wetting the surface first is preferable as less product will be needed. If treating a horizontal surface water should not be pooled as it will dilute the product.

APPLICATION

Use a low pressure sprayer (such as a garden sprayer). Using back and forth motions, to ensure total coverage, spray the surface until saturated. Product should start run slightly rather than be absorbed when sufficient materials has been used.

VersaGuard42 should be applied in weather above 5 Celsius.



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COVERAGE

VersaGuard covers approximately 3.6 square metres / litre.

ACTIVATION PERIOD / DWELL TIME:

Product begins activation immediately and will continue to react in the presence of water. Results will be noticeable within 24 hours.

MAINTENANCE

No special maintenance required. Maintenance and chemical use will be reduced as dirt, oil and other contaminants are unable to penetrate the concrete.

STORAGE

VersaGuard42 - should be stored in a cool, dry environment. Protect from freezing. All containers must be sealed properly when stored.

HANDLING:

All containers must be secured during transport to prevent damage. Lids, caps and closures must be tightened during transport and storage to avoid spillage.

DISPOSAL

VersaGuard42 is fully biodegradable. Neutralizing and dilution with water will be required to meet local waste or sewage disposal requirements. Seek advice on local authority requirements before disposal. Spills should be contained and disposed of under the same requirements. Do not mix with other materials.

HEALTH & SAFETY

Refer to the warning statements on the product container to ensure proper handling and application. Avoid contact with eyes and skin. Wash with water and thoroughly rinse eyes if contact occurs. Wear eye protection and clothing suitable for prolonged contact and exposure to chemicals. Use in areas with adequate ventilation. Product is harmful if swallowed.

PHYSICAL PROPERTIES

Physical State - Liquid
Color, Odor – Clear, None
SG – 1.2
Flash Point – N/A
VOC – None

PACKAGING

18.9 Litre Pail (5 gallon)

Disclaimer

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