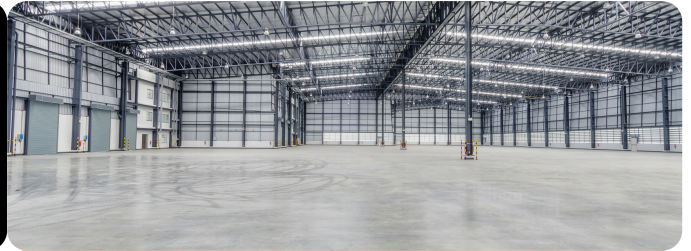


EVERflow®

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TECHNICAL DATA SHEET

version v.01-10-2025



EVERSEAL Siloxal-Na

WATER-BASED NANO-SODIUM HARDENER, DENSIFIER AND SEALER FOR CONCRETE



Product Packaging:

5 gal (18.9 L) pails

55 gal (208 L) drums

Approximate Product Coverage:

Steel troweled concrete:

200 - 250 sq. ft / gallon

*Coverage rates depend on porosity of the concrete and environmental conditions. Suggested rates are approximative and are intended for estimative purposes only.

Storage and Shelf Life:

2 years in original containers in a dry environment 5-35°C (41-95°F). Keep away from direct sunlight, extreme heat/cold or moisture. **Protect from freezing.**

Clean Up:

Clean up all the application and spray equipment with soap and water, immediately following use. Dried material may require mechanical abrasion for removal.

Environmental Approvals /

Certificates:

- VOC compliant in all of Canada and USA.
- Meets CFIA and USDA requirements for indirect food contact / use in food plants.
- Conforms with LEEDv4 EQ credit: Low emitting materials SCAQMD Method 304-91 for architectural coatings.

EVERSEAL Siloxal-Na is a high-performance, nano-sodium-based hardener, densifier, and sealer designed to protect and extend the service life of concrete surfaces. It provides effective resistance against salt damage, freeze-thaw cycles, moisture penetration, and steel corrosion. Formulated to chemically react with calcium hydroxide in the concrete, it helps reduce efflorescence while enhancing surface strength, improving durability, and delivering long-lasting dustproofing performance.

Features and Benefits:

- 3 in 1 concrete hardener, densifier, and sealer.
- Easy to use and clean up with water.
- Suitable for use on both new and existing concrete surfaces.
- Non-film forming and breathable – will not alter the appearance or texture of the substrate.
- Aids in prolonging structural integrity of concrete by mitigating water and chloride absorption.
- Fully compliant with VOC regulations throughout North America.
- A glossy sheen will appear after repeated traffic and regular cleaning and buffing.

Applications:

- Interior and exterior concrete surfaces
- Warehouse and storage facility floors
- Commercial and retail flooring
- Manufacturing and industrial plant floors
- Distribution and logistics centers
- Concrete surfaces prepared for diamond polishing

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Technical Properties:

Form / Color	Liquid, Clear, dries clear
pH	11-12
VOC content	< 50 g/L
Dry Times @ 21 ° C (70 ° F)	Dry to touch 2 hours Foot Traffic 4-6 hours Vehicle Traffic 24 hours
Total Solids	16-17 %
Surface permeability test RILEM Method 11.4 (Liquid Repellency - Water absorbed in 24 hours)	Untreated concrete: 5 mL Treated concrete: 1 mL

Surface Preparation and Application:

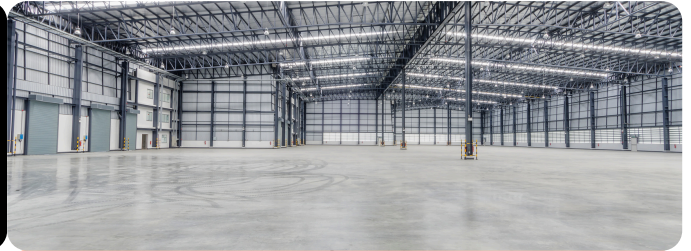
Remove dust, dirt, grease, oil, and all other contaminants with proper cleaner/degreaser. Ensure the removal of any laitance, curing agents and sealers. Avoid using any citrus or acidic cleaners. All cracks, holes and irregularities must be repaired with a crack filler prior to applying the coating. Protect adjacent surfaces including grass, plants, shrubs, asphalt, glass, and painted surfaces from drips or over-sprays.

New or existing concrete slabs:

Allow newly poured concrete to cure for a minimum of 7 days before application. If the new concrete has been applied using a concrete curing product it must be removed prior to the application of the densifier. Apply evenly on the surface using a low pressure, non-atomizing, airless sprayer or pour directly on surface and distribute evenly using a broom or squeegee. Keep the surface saturated with product for at least 30 minutes, add more product in areas where concrete looks dry (usually indicating more porous sections). Do not allow product to puddle and remove any excess during application; coated area should look uniform. If excess product is left to dry, it will leave a whitish residue which can only be removed by mechanical means.

The logo for Everflow, featuring the word "EVERflow" in a bold, sans-serif font. "EVER" is in white and "flow" is in orange. A registered trademark symbol (®) is located to the upper right of the word.

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WATER-BASED SODIUM HARDENER, DENSIFIER AND SEALER FOR CONCRETE



Limitations:

- Store material between 4 -32 ° C (40-90 ° F). Protect protect from freezing.
- In hot weather, pre-dampen concrete and wait for all standing water to disappear before application.
- Apply only when surface and air temperatures are above 4 ° and rising for at least 2 hours prior and following application.
- Do not dilute product.
- Do not apply on exterior surfaces if rain is expected within 24 hours.
- Do not allow product to puddle during application.
- A test area is always recommended prior to full application, to ensure desired results on surface.

Warranty and disclaimer:

Everflow® warrants that our products are free from manufacture defects in accordance with our quality control procedures. Any products proven defective are limited to the replacement of defective products or refund of the purchase price as determined by Everflow®. Please contact your local Everflow® sales representative for more information and warranty requirements.

The information and recommendations contained in this technical data sheet are based on reliable test results according to Everflow®. The data mentioned are specific to the material indicated. If used in combination with other materials, the results may be different. It is the responsibility of the user to validate the information therein and to test the product before using it. Everflow® assumes no legal responsibility for the results obtained in such cases. Everflow® assumes no legal responsibility for any direct, indirect, consequential, economic or any other damages except to replace the product or to reimburse the purchase price, as set out in the purchase contract.