

X-GUARD HG

HIGH GLOSS CONCRETE SEALER

X-GUARD HG is a water-based, lithium-fortified concrete sealer designed to enhance the appearance and durability of polished or decorative concrete floors. It delivers a brilliant, long-lasting finish that resists stains, wear, and yellowing without altering the surface profile. Ideal for maintenance programs and long-term concrete protection.

APPLICATIONS

Ideal for:

- Commercial and industrial concrete floors
- Retail stores and grocery environments
- Schools, laboratories, and office buildings
- Warehouses and food processing facilities
- Architectural concrete and showrooms

KEY ADVANTAGES

- Rapid gloss development and long-lasting shine
- Increases hardness and abrasion resistance
- Prevents dirt and contaminants from penetrating
- Fast drying – no stripping required for recoat
- VOC-compliant and safe for food-contact areas
- Formulated for Canadian climate conditions



TECHNICAL DATA

Property	Value
Form	Liquid
Color	White – dries clear
Odor	Slight ammonia-like odor
Total Solids	21.40 %
Specific Gravity	1,06
pH	11 – 12
VOC Content	< 50 g/L
Coverage	1st coat: 1,500 – 2,000 sq ft/gal (37 – 49 m²/L); 2nd coat: 3,000 – 4,000 sq ft/gal (73 – 98 m²/L)
Dry Time	30 – 60 minutes between coats
Appearance	Clear, glossy finish



X-GUARD HG

CHEMICAL SOLUTIONS

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Material Coverage per Gallon

Coverage varies depending on concrete porosity and environmental conditions.

Typical performance:

- 1st coat: 1,500 – 2,000 sq ft/gal (37 – 49 m²/L)
- 2nd coat: 3,000 – 4,000 sq ft/gal (73 – 98 m²/L)

Two thin, even coats provide better gloss and protection than one heavy application.

Application Guidelines

Before applying, test a small, inconspicuous area to confirm compatibility with the substrate.

Apply only when ambient and surface temperatures are above 4 °C (40 °F) for at least 2 hours following application.

1. Surface Preparation

- Thoroughly clean the surface using an auto-scrubber to remove dust, laitance, and any curing agents or coatings.
- Avoid acidic or citrus-based cleaners. If such products have been used previously, neutralize the surface with an alkaline cleaner.

2. Application

- Do not over-mix to prevent foaming.
- Apply X-GUARD HG using a pre-dampened microfiber pad or a low-pressure sprayer, spreading thin and even coats.
- Work in sections or along joint lines, maintaining a wet edge for uniform coverage.

3. Drying & Buffing

- Allow each coat to dry 30 – 60 minutes before applying the next or reopening the area to light traffic.
- To maximize gloss and durability, buff between coats using a high-speed burnisher (1,500 – 2,100 rpm) with a natural-fiber pad.
- Do not cover the treated surface for at least one week to prevent moisture entrapment or whitening.

Storage & Safety

- Store tightly sealed between 4 °C (40 °F) and 38 °C (100 °F).
- Do not freeze.
- Keep out of reach of children.
- Avoid contact with skin and eyes; wear gloves, long sleeves, and eye protection.
- Wet surfaces may be slippery – use caution.
- Clean tools and spills immediately with soap and water.
- Dispose of residues according to local environmental regulations.

First Aid

- Eyes: Rinse thoroughly with clean water for 15 minutes; seek medical attention if irritation persists.
- Skin: Wash with soap and water; remove contaminated clothing.
- Ingestion: Do not induce vomiting; drink two glasses of water and consult a physician.
- Inhalation: Move to fresh air; seek medical advice if symptoms persist.

Limitations

- Will not hide existing stains or cracks.
- Strong acids or harsh chemicals may damage the surface.
- Not designed for asphalt, painted, or non-cementitious surfaces.
- Does not repair structurally unsound concrete.

Packaging

1 Gallon (3.78 L) | 5 Gallon (18.9 L) | 55 Gallon (208 L)

Environmental Compliance

Complies with USGBC LEED® IEQ Credit 4.1 requirements.

Eco-friendly formulation – low odor – VOC compliant (< 50 g/L).

Safety Data Sheet (SDS)

Available upon request.

To obtain the most recent version of the SDS for this product, please contact:

info@phxindustries.ca

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