

Revised: August 25, 2023

PRODUCT INFORMATION

PRODUCT DESCRIPTION

CEMLACK GUARD is a ready to use, milky chemical hardener and sealer. It penetrates deeply into concrete to chemically solidify the substrate into a homogeneous, dense and incredibly hard surface. Cemlack Guard is specially formulated to react with calcium hydroxide to form insoluble calcium silicate hydrate bonds, thus producing a densely sealed surface that is unique to the marketplace.

Cemlack Guard forms a chemical bond to the substrate to create a micro-film along the surface of the concrete, thus enhancing gloss and hardness, without affecting slip resistance. It will not absorb water or contribute to Surface Sweating Syndrome (SSS) or Alkaline Silica Reactivity (ASR).

Advantages:

- LEED® CREDIT – LEED Green Building Certification Program credits may be available:
- Consult your Sherwin-Williams representative for further details.

ADVANTAGES:

- Highly abrasion-resistant
- Minimal downtime
- Maximizes gloss and light reflectance
- Enhances and protects stained, integral color and dyed decorative surfaces
- Non-dusting and non-marking
- Breathable
- Low maintenance
- Low VOC's. Complies with SCAQMD VOC regulations - <100 g/L.

TYPICAL USES

- Sealing Polished concrete
- Retail floors
- Warehousing
- Reducing dust and hardening concrete floors
- Pharmaceutical
- Aircraft hangars

GENERAL INFORMATION

LIMITATIONS:

- Incompatible with strong oxidizers and acids
- Do not dilute or blend with other products
- Do not allow Cemlack Guard to freeze

PRODUCT CHARACTERISTICS

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| VOC: | <100 g/L ; 0.83 lb/gal |
| Shelf Life: | 24 months, unopened Store indoors at 40°F (4°C) to 100°F (38°C). |

ORDERING INFORMATION

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| Packaging: | 5 gallon (18.9L) pails, 55 gallon (208L) drums, and 275 gallon (1041L) totes |
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SURFACE PREPARATION

NOTE: Although testing is critical, it is not a guarantee against future problems. This is especially true if there is no vapor barrier or the vapor barrier is not functioning properly and/or you suspect you may have concrete contamination from oils, chemical spills or excessive salts.

CHECK THE CONCRETE: Due to the wide variety of substrates, preparation methods, application methods and environments, the customer should test the product in an inconspicuous spot for compatibility prior to full scale application.

Test the absorbency of the substrate by sprinkling water on the surface in a variety of areas across the entire surface to get an average condition. If the water penetrates into the substrate quickly, it is ready for application. If the water beads up, or does not penetrate, the surface has some type of sealer/coating. The sealer must be removed either mechanically (using abrasive or aggressive diamonds) or chemically.

All surfaces must be clean, dry and free of grease, oil, dust, dirt, etc. To clean, use a neutral pH cleaner/degreaser, following label directions, rinse thoroughly and allow the surface to dry. If mold, mildew, or fungus is present, kill and remove by cleaning with a solution of 1 part household bleach to 3 parts water.

JOINTS: Depending on the preference of the facility owner, joints may or may not be filled. If the joints are filled, non-moving joints, i.e. contraction or control joints, can be hard filled with thickened, 100% solids epoxy or with a semi-rigid joint filler such as XXX or XXX prior to abrading/ burnishing.

APPLICATION INSTRUCTIONS

COVERAGE RATE: A gallon (3.78 litre) of Cemplack Guard will cover 1,500 sq. ft. (139 m²) to 2,000 sq. ft. (186m²).

APPLY Cemplack Guard USING A LOW-PRESSURE, HAND-PUMP SPRAYER OR HVLP SPRAYER. Product should be spread thinly and evenly so as to cover the substrate.

The first application of the product should be light enough so it does not form a film of liquid when sprayed. Apply the product to the micro fiber applicator to wet the surface of the pad, and then spread the product.

DO NOT OVER APPLY. Over application will result in improper curing and possible whitening.

ALLOW TO CURE minimum of 30 MINUTES (or until surface is dry) before applying the next application. High humidity may cause longer dry times. **BURNISH IN BETWEEN COATS.**

TWO APPLICATIONS should be applied to achieve optimal stain resistance to the surface.

After second application, surface may be burnished using a mechanical floor burnisher and diamond impregnated pad of the desired grit size, for increased gloss.

DO NOT allow water on the surface for 24 HOURS. If water is allowed to stand in the first 24 hours, the product may turn white. Maximum strength and stain resistance should be attained within 48 HOURS.

APPLICATION EQUIPMENT

- Protective clothing
- Auto Scrubber
- Clean, dry mixing container
- Hand Pump Sprayer
- Microfiber pad

MAINTENANCE

Care: Proper maintenance will increase the life and help maintain the appearance of your new Sherwin-Williams polished floor. Routine sweeping, mopping, washing, and mechanical scrubbing of floors neutral cleaner and conditioner or auto scrub with daily cleaner is recommended. Water can be sufficient in some environments. **DO NOT USE** cleaners that are either acidic or have a butyl base. The product is chemically resistant; however, it is susceptible to stripping with butyl degreasers and some acids.

To maintain the appearance of the floor, high-speed burnish periodically. Use soft nylon brushes or burnishing pads to maintain gloss of floor.

Detergent: Sherwin-Williams has a full range of detergents--general purpose to heavy duty--for your cleaning needs. For assistance in determining which detergent is right for your facility or for additional technical information, contact your Sherwin-Williams representative.

SAFETY

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. **NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**