Product Description

Sher-Guard DENSIFIER is a micro-film forming hybrid inorganic/organic surface treatment that hardens and seals concrete floors. It produces a high performance ultra-hard watertight and dust-repellant surface that is chemical resistant. Sher-Guard is the supreme coating system for harsh and high abuse commercial and industrial floors. It is the optimal choice if your floors are exposed to high consumer traffic, large equipment, chemicals, or abrasion. This low VOC treatment has high durability and bond strength and the ability to withstand heavy traffic, abrasion and chemical spills. Sher-Guard is an industrial grade treatment that is easy to apply, cures rapidly, and provides a beautiful clear glossy finish. It is ideal for facilities that require maximum protection and little or no downtime. Sher-Guard is a unique treatment that is extremely low in VOC’s (less than 50 gram per liter), environmentally friendly (Greenspec Eco-Rating Program) and has a very low polymer/ammonia odor. It is the perfect choice to protect interior concrete floors in any kind of manufacturing facility, warehouses, food service operations, and parking decks. Sher-Guard, along with leaving concrete hard, stain resistant, easy to maintain, and light reflective, does not significantly decrease the friction coefficient of surfaces.

Features and Benefits

- Combines the durable protection of a penetrating densifier with the attractive finish of a high performance glossy clear coating.
- Creates a stronger, more impenetrable finish that is dustproof, resistant to staining (oils and many acids) and deterioration that will last many times longer than conventional concrete sealers.
- Produces an easy-to-maintain tough coating ideal for high abuse areas (chemical exposure, impact, or abrasion).
- Rapidly cures into durable finish for facilities that require maximum protection and little-to-no downtime.
- Tenaciously reacts forming a durable insoluble bond with the concrete.
- Forms a protective “micro surface layer” that is breathable, dense, and abrasion resistant that will not peel or flake.
- Reduces maintenance, cleaning costs and costly repairs. Simply damp mop or machine scrub.
Recommended Uses

- Light to heavy manufacturing facilities
- Grocery Stores
- Showrooms
- Food Service Operations
- Warehouses

Advantages

- Easy one-coat application. High coverage (1,500 - 3,000 square feet per gallon).
- Can be applied using simple methods, such as spray, roller, or brush.
- Extremely durable stain resistant microfilm forming surface treatment that will not peel or flake and both chemically and mechanically reacts with the substrate.
- Food service operations
- Easy maintenance, easy re-coating. Will not build up or yellow.
- Resists strong cleaning compounds, alkalis solvents, oils and many acids.
- Tile-like finish does not support mildew or fungi growth.
- Permanent and durable surface resists marks, improves traction, and helps prevent waterborne containments for staining.
- Treated surface requires no waxing and provides an immediate glossy sheen. Can be buffed to restore original sheen.
- Makes concrete easier to clean, creating an environment that is less susceptible to the proliferation of harmful bacteria.
- USDA/FDA approved for incidental food contact.
- Extends the life expectancy, and integrity of concrete and masonry.

Safety Precautions. Refer to the MSDS 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.
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.

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.
Sher-Hard is the next step in the evolution of concrete densifiers. It is a clear, odorless chemical solution that penetrates and reacts with concrete products to create a surface that is harder, denser, and less porous. It is the only hardener/densifier that does not require rinsing and disposal, which means you save time and money. Sher-Hard does not gel like traditional products, so there is no danger of allowing the product to dry on the substrate. It is a neutral pH product. The absence of sodium and potassium ensures that it will not contribute to Alkali Silica Reaction (ASR). Sher-Hard is VOC compliant. It is both environmentally and contractor friendly. Sher-Hard will increase the hardness and density of concrete and lower porosity better than any other densifier. This translates into a higher level of abrasion resistance and better slip resistance. It also means your concrete will stain less, wear longer, and have higher resistance to black tire marking. Simply apply the product at a rate of 400 to 600 square feet per gallon; keep it wet for 30 minutes then let it dry.

**Sher-Hard Features and Benefits**

- Reduces Porosity and Staining
- Increases Hardness
- VOC Compliant
- Resists penetration of most oils and chemicals
- Minimizes tire marks
- Can be used on new or existing concrete
- Compatible with bond breakers for tilt up project

**Primary Applications**

- Concrete
- Stucco
- Terrazzo
Facilities that benefit from Sher-Hard

- Warehouse Floors
- Commercial Retail Floors
- Distribution Centers
- Retail Stores
- Manufacturing Plants
- Food Processing plants
- Parking facilities
- Airports
- Hospitals
- Arenas & Stadiums
- Service & Residential
- Garages and Basements

Area Coverage

One gallon of Sher-Hard will cover 400-600 square feet per gallon of steel-troweled concrete depending on porosity. More porous concrete will require more Sher-Hard.

Environment Conditions

- Air temperature must be above 35°F (2°C).
- Hot, arid or windy conditions will require water be used to keep Sher-Hard hydrated.
- In extreme heat, over 95°F (35°C), it is helpful to wet the surface with water prior to application of Sher-Hard.
- The water should be allowed to dissipate without the aid of vacuums.

New Concrete Surface Prep

- Cure the concrete with a wet or sheet cure method in accordance with ASTM CD-171, or with a film forming cure and seal.
- If a cure and seal is used it must be stripped completely in accordance with the manufactures directions. A wet cure is always preferred over a cure and seal.
- New concrete should cure for 7 days.
- Standing water should be removed from surface prior to application of Sher-Hard.
- The surface should be clean and free of any contaminates that could impede the chemical reaction of Sher-Hard.
DATA SHEET

Sher-Hard™
Sealer, Hardener & Densifier

Directions for Application

1. Sher-Hard does not require mixing

2. Apply Sher-Hard with a low-pressure sprayer or scrubber. Sher-Hard can be moved with a brush or broom or scrubber to ensure uniform coverage.

3. Keep the surface wet with Sher-Hard for a minimum of 30 minutes.

4. Allow Sher-Hard to air dry. Do not remove the spent material from the floor.

5. This product does not gel.

6. After Sher-Hard has dried, any un-reacted material can be removed with a broom.

Precautions / Limitations

- Allow Sher-Hard to dry for 1 to 2 hours prior to exposure to traffic.

- In the event of freezing, thaw and stir before using.

- Sher-Hard is not a curing compound. It does not meet ASTM C-309 or ASTM C-1315.

- Protect metals, glass, wood, paint or brick from contact with Sher-Hard. If accidentally over sprayed, wash surface with potable water immediately.

Quality Guarantee

The Sherwin-Williams Companies (SW) solely and expressly warrants that its products shall be free from defects in materials and workmanship for six months from the date of purchase. Unless authorized in writing by an officer of SW, no other representations or statements made by SW or its representatives, in writing or orally, shall alter this warranty. SW MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any SW product fails to conform to this warranty, Jmg will replace Sher-Hard at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one year from the date of the claimed breach. SW does not authorize anyone on its behalf to make any written or oral statements that in any way alter SW installation information or instructions in its product literature or on its packaging labels. Any installation of SW products that fails to conform to such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of SW products for the Buyer’s intended purposes.
Technical Specifications
Cloudy clear in appearance
Freezes at 32 degrees
Viscosity of water
pH of 10.5

Application Instructions, Methods and Techniques
New construction, restoration, grinding, sealing and preservation techniques for concrete floors

Important Tip

Use and Technical Specs

Characteristics
• Natural
• Semi Gloss
• Gloss

Application Procedures
Application Instructions Examples:

Contact
Sher-Stain™
Global Polishing Systems, LLC
10624 South Eastern Avenue, Henderson, NV 89052
Phone: (702) 456 1423 fax (419) 844-2842
mark@globalpolishing.com
Where to Use
Designed for interior or exterior use.

Coverage/Surface Preparation
Refer to application

Drying Time
Allow Sher-Stain to dry for approximately 60 minutes prior to wheeled traffic. In humid low temperature conditions, Global Polishing Systems LLC recommends using fans to speed up and ensure proper dry time. Fans should not be placed where air flow is directly on the Sher-Stain.

Periodic Maintenance
Global Polishing Systems LLC recommends re-applying Sher-Guard™ every 12–24 months for maximum stain and chemical protection.

Storage and Disposal
Do not freeze. Keep container closed when not in use. Do not transfer material into other containers for storage or disposal.

Application Procedures
1. Prep the concrete as needed and stop at 50, 100 or 200 grit resin diamond abrasives. If there is a curing compound or sealer on the surface, preparation should be discussed directly with Global Polishing Systems LLC’s technical department. Mechanical removal is required for proper chemical exposure to the concrete.

   A matte finish can be achieved by staining after a 50 grit resin. A semi-gloss finish can be achieved by staining after a 100 grit resin. A gloss finish can be achieved by applying the stain after a 200 grit resin. Honing past a 200 grit may impede Sher-Stain’s ability to draw the stain into the slab.

2. Area to be treated with the Sher-Stain should be thoroughly cleaned, removing all dirt, debris, contaminants, and/or any membrane-forming material that could impede the penetration of the color. Make sure the surface is completely dry; all dampness should be eliminated from the surface before proceeding to the next step.

3. Sher-Stain must be mechanically stirred before use.

4. After the final step of 200 grit resin diamonds is completed and the floor has been thoroughly cleaned and dried, apply the Sher-Stain at approx. 800 sq. ft. per gallon. Apply liberally to achieve the desired look and color. Scrub material in with a clean, soft, exploded-tip bristle broom for good penetration. Depending upon the porosity of the concrete and the intensity of color desired, multiple coats of the color may be required. If multiple coats are necessary, wait for the first application of the color to completely dry prior to applying more color. Over-application of the first coat of Sher-Stain may cause the pigment to bridge, resulting in poor penetration into the floor.
5. Allow the Sher-Stain to dry to the touch.

6. Burnish the floor with a black stripping pad.

7. Clean the floor with a dust mop and an automatic scrubber to remove any dust or debris from the stripping pad.

8. After burnishing, apply Sher-Guard for additional color vibrancy and chemical protection. The floor should be completely dry prior to application of Sher-Guard. Sher-Guard should be used only on interior applications. Reduce Sher-Guard by 50% with water. Dispense Sher-Guard from a Hudson sprayer and spread with a microfiber applicator at approximately 1500-2000 sq. ft. per gallon (40m²/liter-50m²/liter). If the material has been applied too heavily, it will appear milky after the product has been spread on the floor. Let material dry for at least 20 minutes between coats. Sher-Guard must remain free from excess moisture for at least 24 hours. Completed floor must remain completely dry and be free from standing water or liquids for at least 48 hours to allow curing time.

Materials cannot be applied in below-freezing temperatures.

Clean Up

Clean all equipment with soap and warm water.

Warnings and Caution

Keep out of reach of children. Do not take internally. In case of ingestion or emergency call Infotrac at 800.535.5053. Contact with skin or eyes will cause irritation. In case of contact with skin or eyes, flush immediately with lots of water.

Global Polishing Systems LLC products contain no harmful levels of VOC's or carcinogens and are odorless both during and after application.

Exclusively Manufactured & Distributed by

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Maintenance • Warranty Technical Service

We want to make sure you have the support you need to be successful with your projects. In addition our Technical Services Department is available to assist you with all of your technical and support needs.