



### **PRODUCT DESCRIPTION**

Laminin EZ 22 HSG Hard Sealant Guard provides superior hardening properties along with remarkable reflective gloss and shine. The product penetrates deep into the surface increasing long term performance. The EZ 22 HSG forms an insoluble chemical bond to produce a dense sealed surface, with superior hardness, enhanced gloss, and slip resistance.

### **KEY FEATURES and BENEFITS**

- \* Produces a refined surface with a highly reflective gloss
- \* Enhances and protects integral color decorative surfaces
- \* Superior hardness increases life expectancy of the concrete surface
- \* High abrasion resistance reduces the surface wear and increases project life expectancy
- \* Reduces surface permeability
- \* Dust proof, non-marking, easy to clean for reduced maintenance costs
- \* Resistant to blushing and does not yellow, chip, peel, or flake with age or exposure
- \* Fast drying and quick curing reduces project down time

### **SPECIFICATIONS COMPLIANCE**

- \* ASTM E-96-10 and ASTM C-944
- \* ASTM C-779
- \* ASTM C-1583
- \* USDA Compliant
- \* FDA Approved

### **PRIMARY APPLICATIONS**

- \* Sealing new concrete
- \* Concrete that will receive a covering
- \* Polished concrete
- \* Retail showrooms
- \* Decorative concrete
- \* Industrial Floor Slabs
- \* Institutional facilities



## **PRODUCT LIMITATIONS AND SURFACE PREPARATION**

### ***EZ 22 HSG:***

- \* Incompatible with butyl degreasers and some acids
- \* The concrete refinement process requires three separate products for best results
- \* Do not allow the product to freeze. Store between 40 degrees - 100 degrees F
- \* Do not use in areas prone to hydrostatic pressure
- \* Do not dilute or blend with other products

A successful installation requires proper preparation of the sub floor. Read and understand all applicable guidelines and technical data sheets before installation. Follow industry standards and flooring manufacturer's recommendations for the sub floor moisture content, design, layout and application of the flooring materials. All slab constructions must meet the specific requirements of the floor covering to be installed.

Laminin solely and expressly warrants that for 12 months from the date of purchase, EZ 22 HSG shall be free from defects in materials and workmanship, but only to the extent that the product is properly installed by applicators in accordance with its product literature and in strict compliance with the installation information and instructions in the product literature and label(s). The buyer must examine the product when received and promptly notify Laminin in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If EZ 22 HSG fails to conform to this warranty, buyer's sole and exclusive remedy shall be the replacement of the defective product at no cost to the buyer. Unless authorized in writing signed by an officer of Laminin no other representations or statements made by Laminin or its representatives, in writing or orally, shall alter this warranty.

When using other than Laminin Industries products in conjunction with Laminin Industries primers, sealers, leveling compounds or adhesives, Laminin Industries denies any and all responsibility for any ensuing problems and/or damages without prior written authorization from Laminin Industries. This adhesive will maintain its integrity and performance even when high levels of moisture or water are present. While this adhesive can withstand any amount of moisture, it does not qualify as a moisture inhibitor. Please see above for recommended sealers if a moisture barrier is required. In case of accident, injury, spill or exposure, see SDS information sheet for appropriate action. Consult technical data sheet at lamininindustries.com for updated information. The foregoing representations are based on the results of our most current product and material testing within a controlled environment and are of a non-obligatory advisory nature only. As such, they do not constitute an express or implied warranty of any kind including the Warranty of Merchantability and/or Fitness for a Particular Purpose. Because we have no control over the actual quality of workmanship, materials used and worksite conditions, Laminin Industries, LLC will in no event be liable for any incidental and/or consequential damages. Therefore, we strongly recommend that prior on-site testing be conducted to refer to and study the suitability of the product for the intended purpose. With the release of this technical information sheet, all its prior versions become invalid. For warranty and warranty disclaimer information, please contact your Laminin Industries sales associate.

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## MIXING INSTRUCTIONS

- \* Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details
- \* No mixing or dilution required, product is ready to use, mild agitation is recommended.

## INSTALLATION INSTRUCTIONS

### ***Read all instructions thoroughly before installation***

1. Concrete refinement is a process requiring the use of three separate products: Laminin EZ 22 RC Rapid Cutting Compound, Laminin EZ 22 PHD Premium Hard Densifier, and Laminin 22 HSG Hard Sealant Guard. The products must be used together to obtain the desired results.
2. Preparation: All surfaces must be clean, dry and free of grease, oil, dust, etc. An auto scrubber is recommended. Prepare the surface by using a neutral pH cleaner/degreaser following the manufacturer's label instructions.
3. Rinse thoroughly and allow surface to dry. If mold, mildew, or fungus is present, remove the fungus by cleaning the surface with a solution of 1 part household bleach to 3 parts water. Rinse thoroughly and allow the surface to dry.
4. Application: Using a low-volume, high-pressure manual or commercial grade sprayer, apply the product uniformly onto the slab surface at a rate of 2,000 sq. ft. per gallon. Two applications should be applied.
5. The first application of the product should be light enough to prevent a film of liquid when sprayed. Using a micro-fiber applicator, wet the surface of the pad and spread the product on the surface.
6. DO NOT over apply the product. Over application will result in improper curing and possible whitening of the finished floor.
7. Ensure material has dried before additional applications - a wait time of at least 60 minutes is recommended between applications.
8. After ensuring that the product is fully cured, use a high speed burnisher with a black strip pad between applications to improve surface gloss. Additional applications will improve the level of gloss.
9. IMPORTANT: Do not allow water on the surface for the first 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.

MAINTENANCE: Routine sweeping, mopping, washing, and mechanical scrubbing of floors with a cleaner is recommended. Water is sufficient in most environments. DO NOT USE cleaners that are acidic or have a butyl base. The product is chemically resistant, however, it is susceptible to stripping with butyl base degreasers and some acids.

For best cleaning results, use Laminin EZ 22 PCC Premium Concrete Cleaner to maintain gloss and reduce regular maintenance.

## CLEAN UP PROCEDURES

- \* Clean sprayers with warm, soapy water



## ADDITIONAL TECHNICAL INFORMATION

<b>Odor and Color</b>	Fragrant/White
<b>pH Level</b>	11.1-11.9
<b>Evaporation Rate</b>	> 1.0
<b>Vapor Pressure</b>	>2.2 torr @ 68°
<b>Density</b>	<8.3 lbs.
<b>VOCs (Section 01350 of California's CDPH)</b>	<50 g per L
<b>Drying Time</b>	1 Hour @ 77°, 77% RH
<b>Foot Traffic Time</b>	1 Hour
<b>Wheel Traffic</b>	6-10 Hours

<b>Shelf life</b>	18 months when stored in original, unopened packaging at 73°F in a controlled area
<b>Physical state</b>	Liquid
<b>Application Temperature</b>	40°F to 90°F
<b>Packing Sizes</b>	5 Gal Pail, 275 Gal Tote
<b>Approximate Coverage</b>	2000 Sq Ft/Gal