



PRODUCT DESCRIPTION

Laminin EZ 22 PHD Premium Hard Densifier creates a dust-proof and incredibly hard concrete surface in a single application. Its proprietary chemical composition sets itself apart from other more conventional systems or products in this arena. EZ 22 PHD allows for minimal down time and can be sprayed on and to dry as is.

KEY FEATURES and BENEFITS

- * Extremely hydrophobic when dry
- * Enhances colored and dyed concrete
- * Superior hardness increases life expectancy of the concrete surface
- * Makes ordinary concrete look better
- * Protects against efflorescence
- * Does not peel or create a film

SPECIFICATIONS COMPLIANCE

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

PRIMARY APPLICATIONS

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

(Continued)



PRODUCT LIMITATIONS AND SURFACE PREPARATION

EZ 22 PHD:

- * Incompatible with strong oxidizers
- * 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 PHD 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 PHD 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.

(Continued)



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. EZ 22 PHD Premium Hard Densifier is designed to use after all mechanical cutting stages of the concrete are completed. Ready to use and requires no blending or dilution. Mild agitation is recommended before use.
3. Using a high-volume, low-pressure manual or commercial grade sprayer, apply the EZ 22 PHD uniformly onto the slab surface at a rate of 400 - 600 Sq. Ft. per gallon. Work the product into the surface using a foxtail broom and keep the surface wet with product for a minimum of 30 minutes. Apply additional product as needed to maintain surface saturation. Allow the product to air dry.
4. After completing the application of EX 22 PHD Premium Hard Densifier, prepare the application of the next product - Laminin EZ 22 HSG Hard Sealant Guard and refer to the product specific directions for its application.

CLEAN UP PROCEDURES

- * Clean sprayers with warm, soapy water

ADDITIONAL TECHNICAL INFORMATION

Odor and Color	Fragrant/Clear
pH Level	9.5-11
Evaporation Rate	> 1.0
Vapor Pressure	>2.2 torr @ 68°
Density	9.1 lbs.
Drying Time	1 hour @ 70°, 77% RH
Wheel Traffic	6-10 Hours
Foot Traffic	1 Hour
VOCs (Section 01350 of California's CDPH)	<50 g per L



EZ 22 PHD Premium Hard Densifier

Polished Concrete Products

PRODUCT DATA SHEET - Page 4

623 Chatsworth HWY 225 Calhoun, GA 30701 888.871.8877 lamininindustries.com

(Continued)

Shelf life	18 months when stored in original, unopened packaging at 73°F in a controlled area
Physical state	Liquid
Application Temperature	40°F to 90°F
Packing Sizes	5 Gal Pail, 275 Gal Drum
Approximate Coverage	400-600 Sq Ft/Gal