



Diama-Guard LG Low Gloss Stain Protectant

Item No: DGLGSP – 100 – 3

1. Description

DiamaPro® Diama-Guard LG is a penetrating non-film-forming stain repellent for dyed and conventional polished concrete. It protects against the penetration of oil and water-borne stains. Most liquids will be blocked from entering the protected surface minimizing staining.

DiamaPro® Diama-Guard LG forms a hydrophobic water-repellant barrier that reduces the penetration of liquids into the surface. The gloss of the polished surface will not be altered. The slip coefficient properties will not change.

2. Features / Recommended Uses

Features

- **DiamaPro® Diama-Guard LG** is a penetrating stain protector.
- Will not alter the gloss level of the polished surface
- Provides protection in residential, commercial and industrial applications
- 100% breathable – allows water vapor to penetrate while blocking water droplets from penetrating
- Minimizes the penetrating of oil
- Will deepen the color of dyes
- Provides a “window” to remove stain causing liquids
- Will not alter the slip coefficient of friction of the surface
- One component – ready to use

Recommended Uses

- New and existing substrates that are polished
- Polished concrete that has been dyed or left natural
- Provides a polished surface that can be maintained with general cleaning practices
- Improves stain and oil resistance
- Locks in dyes for enhanced color retention

3. Technical Data

PHYSICAL PROPERTIES

- Appearance: Colorless
- Odor: Negligible
- Water-borne
- Flash Point: 180° F
- VOC Compliant – 5 gr/l

4. Limitations

DiamaPro® Diama-Guard LG must be stored and transported in a non-freezing environment. **DiamaPro® Diama-Guard LG** is a water-borne material that must be applied and remain in temperatures 40°F-90°F (4°-32°C) for 24 hours. Store material in a sealed container.

After **DiamaPro® Diama-Guard LG** has dried a slight white haze will appear. This haze will be removed as the surface is burnished or auto-scrubbed using a white pad.



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5. Application Procedures and Instructions

Coverage Rate: **DiamaPro® Diama-Guard LG** is shipped as a Ready To Use (RTU) product. On polished concrete floors, **DiamaPro® Diama-Guard LG** will cover approximately 3,000-5,000 sq./ft./gallon. Substrate and environmental conditions will have an impact on the final coverage rate.

Mock-up: During the installation of the mock-up apply the **DiamaPro® Diama-Guard LG** on all dye colors and substrates including repairs that will be on the actual project and have them approved for suitability.

Surface Preparation: All joints and repairs should be completed before the application of the **DiamaPro® Diama-Guard LG**. Prepare the substrate with diamond tooling associating with the **Diama-Polish Polished Concrete System** Level you will be achieving. **DiamaPro® Diama-Guard LG** can be applied any time after the 400-grit polishing step as the final step.

Application: The application of **DiamaPro® Diama-Guard LG** is the final step in polishing process. It must be used full strength. Do not dilute. Using a low-pressure pump sprayer fitted with a conical (round spray pattern) tip saturate the appropriate size microfiber application pad. Ring out excess material.

Spray a light mist of **DiamaPro® Diama-Guard LG** onto the polished surface and spread it evenly with the microfiber pad. Keep the surface wet for 1 minute to ensure full absorption. Do not allow

to dry without spreading to a streak-free thin film. Apply enough material to obtain 100% coverage without developing puddles.

After the material has dried to touch and a slight white haze has appeared, high speed burnish with a 3000 grit or higher diamond impregnated pad.

The advanced chemistry of the **DiamaPro® Diama-Guard LG** develops over time. Avoid materials containing acid (organic, monoprotic, polyprotic) from contacting the finished surface for the first 7 days after installation.

One hour after the burnishing process the floor is ready for light foot traffic. If heavy foot traffic is expected or equipment will be moved onto the floor, wait an additional 24 hours. The chemistry develops over time and the protection properties of **DiamaPro® Diama-Guard LG** will increasing develop as the material cures over the first 7 days in normal environments.

6. Availability

DiamaPro® Diama-Guard LG is only available through **DiamaPro® Systems** Authorized Distributors. Packaged in 5-gallon units. For a list of Authorized Distributors please contact **DiamaPro® Systems**.

7. Conditions of Sale / Limited Warranty

DiamaPro® Systems warrants this product for one year from date of purchase to be free from manufacturing defects and to meet the technical



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properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase prior replacement of this product exclusive of any labor costs at the discretion of **DiamaPro® Systems**.

suitability for a specific use, as well as the proper application of the products.

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8. Technical Services

The **DiamaPro® Systems** office offers aid with specifications, performance test data and field services.

9. Disclaimer

Every effort has been made to ensure the accuracy of the above information and to avoid infringement of any patent or copyright. The information is based on field tests by government and private agencies, as well as lab tests, and on technical data from raw material manufacturers.

The person(s) specifying or requesting the use of these products is responsible for assuring their