

# DOMINATOR®

The **PRO TECH SERIES DOMINATOR® LG+** sealer is designed for use by professional contractors and DIYers who demand excellent products with high performance. DOMINATOR® LG+ is a color-enhancing, film forming and joint stabilizing sealer that provides a semi-gloss to low gloss finish on concrete pavers and other concrete surfaces.

## FEATURES AND BENEFITS

Professional results	<ul style="list-style-type: none"> <li>♦ Fast Dry</li> <li>♦ Moisture Resistant</li> <li>♦ Stain, Scratch and Rub resistant</li> <li>♦ Joint stabilizing</li> <li>♦ UV resistant for longer life</li> </ul>
Easy application	<ul style="list-style-type: none"> <li>♦ One-part for no waste in application</li> <li>♦ Can use on damp pavers</li> <li>♦ Can be applied to vertical surfaces</li> </ul>
Breathable	<ul style="list-style-type: none"> <li>♦ Allows efflorescence and moisture to escape from pavers</li> </ul>
Eco-friendly	<ul style="list-style-type: none"> <li>♦ <b>Low VOCs to exceed all federal, state and local standards</b></li> </ul>

## PHYSICAL DATA

Product Type:	♦ Water-based Acrylic Urethane-modified
Finish:	<ul style="list-style-type: none"> <li>♦ Semi-gloss to low gloss finish</li> <li>♦ Color-enhancing sealer</li> </ul>
Components:	♦ One
Curing Mechanism:	♦ Air dry
Coverage:	♦ 250 – 400 sq. ft. per gallon per coat, depending on the surface porosity and application method
VOCs:	♦ <100g/l
Flashpoint:	♦ 100 °C / 212 °F
Solids Content:	♦ 25% +/- 2%
Shelf Life:	♦ Best used within 12 months of manufacture

Use this product on the following surfaces:

Surface	DOMINATOR® LG+
Bare Concrete	✓*
Decorative Concrete	✓
Concrete Brick Pavers	✓

\*DOMINATOR® LG+ on bare concrete will highlight imperfections and porosity variations in the concrete.

**Refer to the Safety Data Sheet for more technical detail.**

**CONTACT INFORMATION:** Black Diamond Coatings, Inc. 6036 Nature Coast Blvd. Brooksville, FL 34602. USA.

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## TESTING DATA

Chemical Resistance: ASTM D1308	No change after 24 hours of exposure to motor oil, antifreeze, Transmission fluid, Grape Juice, Bleach, 10% Muriatic Acid, Isopropyl Alcohol, Red Wine.
Slip Resistance: Australian Pendulum Test Method HB 198	Classified as "low slip potential" when wet or dry by (CTIOA), and addition of DIAMOND GRIT™ improves traction.
Outdoor Durability: ASTM G154	Slight color change at 2100 hours, water continues to bead; retained 46% of original color

## APPLICATION PROCESS

### 1. PREPARE

**Clean the surfaces thoroughly.** The surface to be sealed should be properly cleaned before the sealer is applied. The surface should be free of dirt, oil, contaminants, and any other substance that could interfere with the sealer penetrating the pavers as intended. For best results, pressure wash with a minimum of 2000 psi pressure washer, or manually scrub substrate with the OBSESS™ Outdoor Cleaner to remove contaminants. Rinse and repeat until the surface area is clear of any cleaner residue. If efflorescence is present, clean the entire surface thoroughly with an efflorescence remover, prior to sealer application.

**Ensure that the surface has not been recently sealed.** If there is evidence of a previous sealer on the surface, remove prior to application of the sealer. If this product is applied over previously sealed surfaces with another sealer brand, adherence issues may occur. If there is no visual evidence of another sealer, test for water beading. If water beads, use the appropriate stripper to remove old sealer from the surface. Failure to comply with this instruction can result in adherence issues. Protect surfaces not intended to be sealed. Cleaning can be performed the day before or the same day as the sealing. It is acceptable to seal the damp surface if there is no standing water; however, to obtain optimal performance, a drier surface is better.

**Protect surfaces not intended to be sealed.** Ensure that walls and other surfaces are protected, and divert pedestrian and auto traffic, as needed.

**Ensure proper surface temperature.** The surface temperature should be between 50–115° F (10–46° C) and should not drop below the minimum temperature for 12 hours from the start of application.

**Use the proper equipment.** We recommend a pump-up or battery-operated back-pack sprayer with the appropriate spray pattern for your project. Be sure to back roll any product that may puddle during the spray application. Alternatively, a 3/8" to 3/4" nap roller can be used, being careful to lightly apply the product.

## MASONRY/CONCRETE APPLICATION

All new masonry and concrete surfaces should be allowed 30-90 days to properly dry/cure in accordance with industry standards. The surface should be tested for pH levels. Surface pH should not be higher than 10-11. Surface areas that display a reading of 11 should be etched with a solution of Muriatic Acid. Retest the pH following etching process to make sure it is below the recommended level.

### SMOOTH TROWLED CONCRETE GARAGES

Follow the Etching Instructions below before sealing.

#### ETCHING INSTRUCTIONS

To etch the concrete floor, use a mixture of 1-part Muriatic Acid and 3 parts water. Be sure to wear personal protection gear (boots, gloves, and goggles, etc.), follow the manufacturer's instructions and safety precautions when working with Muriatic Acid. Working in sections (10' X 10'), apply a generous amount of the acid solution with a plastic sprinkling can and allow the solution to effervesce until it stops reacting. Rinse the surface thoroughly with a garden hose to not let the acid dry on the surface.

## 2. TEST

**Perform a small test area** (at least 2 sq. ft.) using the product to ensure suitability and the desired results prior to full application. Test for application coverage rate. Use the same preparation, equipment and conditions expected during the entire application. Due to the wide variety of substrates, preparation methods, application methods and environments, the customer should test the product in an inconspicuous spot for penetration and compatibility prior to full application.

## 3. APPLY

Before use, consult our website to ensure proper application techniques.

**Do NOT dilute or alter the product.** Shake the DOMINATOR® container prior to use as some settling may have occurred. Note that this product prevents water penetration of the surface, generally resulting in a beading effect. In areas where a slippery condition may occur, we recommend adding our texture additive, DIAMOND GRIT™ to sealer prior to application.

**Generally, apply two coats of sealer to concrete paver or concrete surfaces.** Ensure smooth application of sealer. If spraying, use even, broad strokes to avoid streaking. If rolling, keep a wet edge during application to avoid streaking. Ensure smooth application of sealer at the coverage rate of 250-400 square feet per gallon per coat with a sprayer for most even results. If product puddles or drips on the surface, back-roll to smooth out excess product for even coverage. DO NOT FLOODCOAT. We recommend waiting an hour between coats if an additional coat is necessary. The sealer coat should be absorbed prior to applying subsequent coats. **Consider the hardscape surface needs.** Conditions such as surface porosity, temperature and shade can impact the time needed between coats, in addition to the number of coats necessary to achieve the desired results. Previously sealed surfaces and extremely dense surfaces may only require one coat of sealer. Some extremely dense surfaces may be better suited for DOMINATOR® STONE+ GLOSS if a color-enhancing, high sheen is desired (e.g., wet cast pavers, some commercial grade pavers, clay pavers, concrete pavers with shells, some decorative concrete surfaces). Smooth surfaces may produce a higher

sheen; rougher surfaces will produce a lower sheen. Reference the Application resources on our website for further instructions.

**Allow sufficient dry times.** Following complete application, we recommend at least 24 hours before significant foot traffic, and at least 24-48 hours before any vehicular traffic on freshly sealed surfaces. If a light rain occurs more than an hour after sealing, then there should not be any issues.

## 4. CLEANUP

Place any unused sealer back into original container to store for future use. Clean equipment thoroughly with a mild detergent and warm water until free of sealer residue. Sealer will stain clothing but can be removed from skin with a mild cleaner.

**Store and handle properly.** Store in a cool, dry place, but do not let the product freeze; and dispose of properly if it is allowed to freeze. Do not store at temperature above 140° F.

Please note: Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

## 5. MAINTAIN

**Remove oil and other fluids from the sealed surface** as soon as possible using a mild cleaning agent. Avoid pressure washing pavers for 45 days following sealing. Do not use harsh chemicals (e.g., paint thinners, strippers, solvents) on the sealed areas.

## CUSTOMER CARE

We pride ourselves on being available to assist with product and job-related questions, including application instructions. Call 800-270-4050 during our regular business hours; or visit our website at [www.BlackDiamondCoatings.com](http://www.BlackDiamondCoatings.com) for additional product information.

## LIMITED WARRANTY

Black Diamond Coatings, Inc. (BDC) warrants this product to be free of defects when it is manufactured and shipped. All recommendations, information and technical data are based on the research of BDC and that of others and are believed to be accurate and reliable. However, the accuracy and completeness are not guaranteed because we cannot cover every scenario, including surfaces, conditions and application methods. Where permitted by law, BDC makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose. User shall test the product on a small inconspicuous area to ensure desired results are achieved using the same conditions and equipment as expected during the entire application. User shall rely on his/her own knowledge and testing to determine the suitability of the product for a particular purpose and assume all risks and liability in connection thereto. Acceptance and use of this product absolves BDC from any other liability, from whatever source, including liability for special, indirect or consequential damages, and the liability of BDC shall not exceed the price of this product. A proof of purchase will be required for any claim of a defective product. Replacement of any defective product shall be the buyer's sole remedy under this warranty. This warranty may not be modified or extended by representatives of BDC or its distributors.