

# PORTICO™ PAVER STAIN

## TECHNICAL DATA SHEET



### DESCRIPTION

Portico™ Paver Stain is an advanced, semi-transparent, solvent-based concrete stain, expertly formulated to enhance the aesthetic appeal of rough and porous concrete pavers. Its robust formulation combines high-concentration pigments with cutting-edge dispersants to ensure even color distribution across uneven surfaces. Designed for a wide range of exterior applications, including driveways, patios, pool decks, and walkways, it revitalizes faded or discolored concrete by depositing pigments into the substrate's porous matrix for a durable and visually striking finish. The inclusion of UV-resistant components in its formulation helps mitigate the effects of photodegradation, thereby extending the visual enhancement's lifespan. Portico™ Paver Stain represents a harmonious blend of aesthetic elevation and functional durability, offering an advanced solution for professional-grade concrete paver restoration and enhancement.

### PRODUCT BENEFITS

- **Semi-Transparent, Solvent-Based Formula:** Tailored to either subtly or vibrantly enhance outdoor concrete surfaces. This formula works by depositing pigments into concrete pores, resulting in a semi-transparent finish that highlights the natural texture of the pavers.
- **Designed for Outdoor Concrete:** Specifically optimized to rejuvenate the look of paved concrete driveways, patios, pool decks, walkways, and any other outdoor concrete surface. For optimal durability and color longevity, it is advisable to follow up with appropriate sealing.
- **Restores Faded Concrete Pavers:** Provides an efficient method for reviving the appearance of faded or discolored concrete pavers, breathing new life into outdoor spaces.

- **Easy Application:** Features a user-friendly, spray-on application process suitable for both professionals and DIY enthusiasts, ensuring a smooth and hassle-free application experience.

### PRE-APPLICATION

- **Clean & Dry:** Portico™ Paver Stain should be applied to a surface that is completely clean and dry. If the surface was cleaned with water or pressure washed, allow it to dry for at least 24 hours before sealing. Ensure the surface is free from dust, dirt, oil, grease, paints, glues, non-solvent-based acrylic sealers, curing agents, efflorescence, chemical contaminants, rust, algae, mildew, and other materials that might prevent proper bonding.
- **Ventilation:** When applying, be aware that odors can be strong. Ensure the area is properly ventilated during application to maintain a safe and comfortable working environment.
- **Cured:** New concrete pavers must be fully cured before application. It is recommended that cement-based products cure for at least 28 days.
- **Sound:** Apply only to cement-based products that are not flaking or spalling. The substrate must be structurally sound.
- **Profiled:** To check if the concrete is ready for staining, perform an absorption test. Pour water onto the concrete surface and wait for 3-5 minutes. If the water is not absorbed, clean and etch the surface with CitrusEtch™ to open the pores of the concrete. Consult the CitrusEtch™ Technical Data Sheet for detailed instructions.
- **Temperature:** For optimal results, apply Portico™ Paver Stain when temperatures are between 40°F (4°C) and 95°F (35°C). Application should ideally occur in the early evening when air and surface temperatures are cooling, and the sun is no longer directly overhead. To prevent bubbling and hazing, avoid application during the morning or midday.

## PREPARATION

- Block HVAC ducts to prevent solvent spread and odors. Ensure all ignition sources, like pilot lights, are extinguished before starting.
- Always wear appropriate personal protective equipment as recommended in the Safety Data Sheet.
- Protect surfaces not intended for staining by covering surrounding areas to prevent accidental application.
- Avoid using tape on concrete surfaces before or after staining, as adhesives and plasticizers can interfere with the stain's effectiveness.

## TOOLS FOR APPLICATION

- For Large Applications: Apply stain using a garden-type pump sprayer (with the filter removed)
- For Small Projects: Use a soft brush or a small foam applicator, alongside a tub or dishpan that's large enough for easy dipping of the brush.

## APPLICATION

- Before application, thoroughly mix Portico™ Paver Stain to ensure uniformity. If using multiple jugs from different production lots, combine and mix them together to guarantee even coloration across the project.
- Divide the work area into manageable sections, using natural breaks such as walls and joints as boundaries to ensure uniform application. Pay attention to maintaining wet edges to minimize the appearance of overlaps.
- Ensure that any joint sand or related materials in the paver setup are completely cleared from the surface before applying Portico™ Paver Stain. This step is crucial to avoid hindering the stain's application and the subsequent sealer's adhesion. It may be advisable to add joint sand after the pavers have been stained and sealed, to prevent marring the finish.
- Use a prepared pump-up sprayer (with the filter removed) and apply Portico™ Paver Stain in a circular motion for even coverage.
- Apply two saturating coats in succession, allowing the first coat to penetrate the surface but not fully dry before applying the second, to achieve the desired color saturation and depth.

- Use spiked shoes if walking on the stained area is necessary. Avoid walking on wet stain to maintain a smooth, even application.
- Application methods, such as sponging, are effective, particularly for creating accents and artistic finishes.
- Over-application should be avoided; excess stain that doesn't penetrate the concrete surface can hinder sealer adhesion. If stain can be easily wiped away after application, it indicates insufficient surface penetration, necessitating further surface preparation.
- Allow the final coat of Portico™ Paver Stain to dry completely, usually over a minimum of 8 hours, to ensure solvent gases fully evaporate, preventing blotchy spots under the sealer.
- Although Portico™ Paver Stain is applied in rich color, it dries to an almost colorless state until the sealer is applied, which significantly enhances the color depth.
- Apply a high-solid content acrylic sealer, a pivotal measure to safeguard the stain's color and finish, enhancing both protection and durability. Given the inherent porosity of pavers, it's important to note that selecting a gloss sealer might not yield a glossy finish due to the substrate's absorptive qualities. This factor is critical in setting realistic expectations regarding the final aesthetic outcome.

## THINNING

Thinning or diluting this product is strongly discouraged.

## COVERAGE

Estimated coverage is approximately 200 square feet (18.58 m<sup>2</sup>) per gallon. Actual coverage rates may differ based on factors such as surface porosity, texture, the age and condition of the concrete, chosen application method, and prevailing environmental conditions.

## CLEAN UP

For immediate cleanup of Portico™ Paver Stain spills and tool cleaning, use xylene. Keep in mind that the porous nature of pavers may prevent complete removal of pigments from spills, as they can embed deeply into the pores.

## SEALING

Portico™ Paver Stain on concrete requires sealing to encapsulate the pigments and preserve the color and finish.

## SURFACE PROTECTION AND MAINTENANCE

- Periodically inspect the sealed surface for areas showing signs of wear or thinning due to traffic.
- Reapply the sealer as needed. If traces of efflorescence are present, they should be removed with a gentle cleaner before resealing or applying any maintenance products.

## SUITABILITY SAMPLE

Prior to application, prepare a sufficient number of test areas on the actual substrate to determine the aesthetic suitability of the product for its intended use.

## LIMITATIONS & PRECAUTIONS

- **Batch Variability:** The supply of specialized pigments may vary between batches. To ensure color consistency, use the same batch for the entire job or mix multiple batches together ("boxing").
- **Surface Characteristics:** Portico™ Paver Stain is a translucent stain designed to enhance but not hide the concrete surface. It won't cover discolorations, blemishes, cracks, or other irregularities and may highlight differences in porosity. Typically, it appears lighter when dry than when wet.
- **Surface Compatibility:** Portico™ Paver Stain might not adhere well to hard-troweled (smoothly machine-finished) surfaces.
- **Sealant Requirement:** Portico™ Paver Stain requires a sealer for color enhancement; it is not a standalone sealant product.
- **Color Accuracy:** While efforts are made to accurately represent colors in product literature, photos, and sample color chips, the actual color achieved on concrete can significantly differ. This discrepancy stems from the stain's translucent nature, allowing the color of the concrete base to affect the final shade.

## SLIP RESISTANCE

Portico™ Paver Stain does not alter slip resistance. Slip resistance is determined by the chosen sealer. For enhanced slip-resistance on exterior surfaces, integrate OxiGrip™ into the sealer. Ensure you obtain and review the appropriate Technical Data Sheet and Safety Data Sheet prior to using this product.

## DISPOSAL

For the disposal of any unused product, please refer to your local environmental or hazardous waste management authority to ensure compliance with local regulations.

## SHELF LIFE AND STORAGE

This product should be used within one year of purchase for optimal effectiveness. For storage, keep the product indoors, in a cool area away from direct sunlight and heat sources.

## HEALTH & SAFETY GUIDELINES

**DANGER:** HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE. Do not swallow. Do not get in eyes or on skin or clothing. Do not breathe fumes. Keep away from heat, sparks and open flames. **KEEP OUT OF REACH OF CHILDREN.** Wear a mask. Wear safety glasses and chemical resistant gloves. Use only in a well-ventilated area.

Contains: Petroleum Distillates and Aliphatic amine derivative

**FIRST AID TREATMENT:** If swallowed, call physician immediately. Do not induce vomiting. If in eyes or on skin, rinse well with water. If on clothes, remove clothes. If breathed in, move person into fresh air.

## WARRANTY

Portico™ Paver Stain, a proprietary product, is guaranteed to maintain uniform quality within the bounds of manufacturing tolerances. However, as we have no control over its application, no explicit or implied warranty is provided concerning the effects of such use. In the event of a proven defect, our liability is strictly limited to refunding the purchase price of the defective material. The user is responsible for all other risks and liabilities that may arise from the use of this product. For any inquiries, please reach out to Direct Colors customer service.

## AVAILABLE SIZES & PACKAGING

4-Ounce (0.118 L) Bottle      5-Gallon (18.925 L) Carboy  
1-Quart (0.946 L) Bottle      55-Gallon (208 L) Drum  
1-Gallon (3.785 L) Jug

## COMPLEMENTARY PRODUCTS

- ProClean Degreaser™ Concentrate Cleaning agent.
- OxiGrip™ Slip resistant Sealer additive
- PatchRx™ Concrete Repair.
- Resurface-It™ Concrete Overlay / Micro-topping
- EasySeal™ - Acrylic Solvent-Based Sealer
- AcquaSeal™ - Acrylic Water-Based Sealer

## COLOR SELECTION

Portico™ Paver Stain is available in 29 colors. For the full range of options, scan the QR code below to view our color chart.



## TECHNICAL SERVICE & SUPPORT

Direct Colors offers comprehensive technical assistance and consulting services. Our expertise includes product selection guidance, specification details, troubleshooting support, and advice on the effective repair and protection of concrete surfaces. We are committed to providing tailored solutions to meet your specific project needs.

## TECHNICAL DATA

Physical State	Liquid
Color	Various colors
Odor	Solvent
Solubility in Water	< 1%
VOC	< 99%
Specific Gravity	~ 0.82
Flash Point	135°F (57°C)

## SAFETY DATA SHEET

Scan the QR code below for the complete Safety Data Sheet.



## MANUFACTURERS SKU & UPC

Auburn	DC-POR-701-5GAL	UPC 810141966796
Aztec Brown	DC-POR-702-5GAL	UPC 810141966833
Black	DC-POR-703-5GAL	UPC 810141966871
Buff	DC-POR-704-5GAL	UPC 810141966918
Cafe Royale	DC-POR-705-5GAL	UPC 810141966956
Charcoal	DC-POR-706-5GAL	UPC 810141966994
Chocolate	DC-POR-707-5GAL	UPC 810141967038
Cinnabar	DC-POR-708-5GAL	UPC 810141967076
Crimson	DC-POR-709-5GAL	UPC 810141967113
Cumin	DC-POR-710-5GAL	UPC 810141967151
Driftwood	DC-POR-711-5GAL	UPC 810141967199
Fern Green	DC-POR-712-5GAL	UPC 810141967236
Terracotta	DC-POR-713-5GAL	UPC 810141967274
Goldenrod	DC-POR-714-5GAL	UPC 810141967311
Gray	DC-POR-715-5GAL	UPC 810141967359
Khaki	DC-POR-716-5GAL	UPC 810141967397
Lt .Charcoal	DC-POR-717-5GAL	UPC 810141967434
Maple	DC-POR-718-5GAL	UPC 810141967472
Milano Red	DC-POR-719-5GAL	UPC 810141967519
Olive	DC-POR-720-5GAL	UPC 810141967557
Plum	DC-POR-721-5GAL	UPC 810141967595
Pumpkin	DC-POR-722-5GAL	UPC 810141967632
Russet	DC-POR-723-5GAL	UPC 810141967670
Silver Gray	DC-POR-724-5GAL	UPC 810141967717
Tan	DC-POR-726-5GAL	UPC 810141967755
Tweed	DC-POR-728-5GAL	UPC 810141967793
Wheat	DC-POR-729-5GAL	UPC 810141967830
Yukon Gold	DC-POR-730-5GAL	UPC 810141967878



Auburn	DC-POR-701-1GAL	UPC 810141966765	Gray	DC-POR-715-1QT	UPC 810141967335
Aztec Brown	DC-POR-702-1GAL	UPC 810141966802	Khaki	DC-POR-716-1QT	UPC 810141967373
Black	DC-POR-703-1GAL	UPC 810141966840	Lt. Charcoal	DC-POR-717-1QT	UPC 810141967410
Buff	DC-POR-704-1GAL	UPC 810141966888	Maple	DC-POR-718-1QT	UPC 810141967458
Cafe Royale	DC-POR-705-1GAL	UPC 810141966925	Milano Red	DC-POR-719-1QT	UPC 810141967496
Charcoal	DC-POR-706-1GAL	UPC 810141966963	Olive	DC-POR-720-1QT	UPC 810141967533
Chocolate	DC-POR-707-1GAL	UPC 810141967007	Plum	DC-POR-721-1QT	UPC 810141967571
Cinnabar	DC-POR-708-1GAL	UPC 810141967045	Pumpkin	DC-POR-722-1QT	UPC 810141967618
Crimson	DC-POR-709-1GAL	UPC 810141967083	Russet	DC-POR-723-1QT	UPC 810141967656
Cumin	DC-POR-710-1GAL	UPC 810141967120	Silver Gray	DC-POR-724-1QT	UPC 810141967694
Driftwood	DC-POR-711-1GAL	UPC 810141967168	Tan	DC-POR-726-1QT	UPC 810141967731
Fern Green	DC-POR-712-1GAL	UPC 810141967205	Tweed	DC-POR-728-1QT	UPC 810141967779
Terracotta	DC-POR-713-1GAL	UPC 810141967243	Wheat	DC-POR-729-1QT	UPC 810141967816
Goldenrod	DC-POR-714-1GAL	UPC 810141967281	Yukon Gold	DC-POR-730-1QT	UPC 810141967854
Gray	DC-POR-715-1GAL	UPC 810141967328			
Khaki	DC-POR-716-1GAL	UPC 810141967366	Auburn	DC-POR-701-4OZ	UPC 810141966789
Lt. Charcoal	DC-POR-717-1GAL	UPC 810141967403	Aztec Brown	DC-POR-702-4OZ	UPC 810141966826
Maple	DC-POR-718-1GAL	UPC 810141967441	Black	DC-POR-703-4OZ	UPC 810141966864
Milano Red	DC-POR-719-1GAL	UPC 810141967489	Buff	DC-POR-704-4OZ	UPC 810141966901
Olive	DC-POR-720-1GAL	UPC 810141967526	Cafe Royale	DC-POR-705-4OZ	UPC 810141966949
Plum	DC-POR-721-1GAL	UPC 810141967564	Charcoal	DC-POR-706-4OZ	UPC 810141966987
Pumpkin	DC-POR-722-1GAL	UPC 810141967601	Chocolate	DC-POR-707-4OZ	UPC 810141967021
Russet	DC-POR-723-1GAL	UPC 810141967649	Cinnabar	DC-POR-708-4OZ	UPC 810141967069
Silver Gray	DC-POR-724-1GAL	UPC 810141967687	Crimson	DC-POR-709-4OZ	UPC 810141967106
Tan	DC-POR-726-1GAL	UPC 810141967724	Cumin	DC-POR-710-4OZ	UPC 810141967144
Tweed	DC-POR-728-1GAL	UPC 810141967762	Driftwood	DC-POR-711-4OZ	UPC 810141967182
Wheat	DC-POR-729-1GAL	UPC 810141967809	Fern Green	DC-POR-712-4OZ	UPC 810141967229
Yukon Gold	DC-POR-730-1GAL	UPC 810141967847	Terracotta	DC-POR-713-4OZ	UPC 810141967267
			Goldenrod	DC-POR-714-4OZ	UPC 810141967304
Auburn	DC-POR-701-1QT	UPC 810141966772	Gray	DC-POR-715-4OZ	UPC 810141967342
Aztec Brown	DC-POR-702-1QT	UPC 810141966819	Khaki	DC-POR-716-4OZ	UPC 810141967380
Black	DC-POR-703-1QT	UPC 810141966857	Lt. Charcoal	DC-POR-717-4OZ	UPC 810141967427
Buff	DC-POR-704-1QT	UPC 810141966895	Maple	DC-POR-718-4OZ	UPC 810141967465
Cafe Royale	DC-POR-705-1QT	UPC 810141966932	Milano Red	DC-POR-719-4OZ	UPC 810141967502
Charcoal	DC-POR-706-1QT	UPC 810141966970	Olive	DC-POR-720-4OZ	UPC 810141967540
Chocolate	DC-POR-707-1QT	UPC 810141967014	Plum	DC-POR-721-4OZ	UPC 810141967588
Cinnabar	DC-POR-708-1QT	UPC 810141967052	Pumpkin	DC-POR-722-4OZ	UPC 810141967625
Crimson	DC-POR-709-1QT	UPC 810141967090	Russet	DC-POR-723-4OZ	UPC 810141967663
Cumin	DC-POR-710-1QT	UPC 810141967137	Silver Gray	DC-POR-724-4OZ	UPC 810141967700
Driftwood	DC-POR-711-1QT	UPC 810141967175	Tan	DC-POR-726-4OZ	UPC 810141967748
Fern Green	DC-POR-712-1QT	UPC 810141967212	Tweed	DC-POR-728-4OZ	UPC 810141967786
Terracotta	DC-POR-713-1QT	UPC 810141967250	Wheat	DC-POR-729-4OZ	UPC 810141967823
Goldenrod	DC-POR-714-1QT	UPC 810141967298	Yukon Gold	DC-POR-730-4OZ	UPC 810141967861