

### DESCRIPTION

ColorWave® Stain is a semi-transparent, water-based concrete colorant designed for enhancing concrete surfaces. Leveraging the natural porosity of concrete and its inherent moisture absorption, ColorWave® infuses concrete with micronized pigments, transforming dull surfaces into vibrant, variegated displays. Available in twenty-four distinctive colors, this eco-friendly formulation allows for precise application, offering control over the desired aesthetics with its zero VOC formula.

### PRODUCT BENEFITS

- **Exceptional Penetration and Durability:** The product's advanced formula allows for deep infusion into the concrete's pores, depositing micronized pigments for durable, mottled, and marbled finishes. This ensures color consistency and longevity.
- **Enhances Natural Finish:** ColorWave® Stain enhances the concrete's natural finish rather than hiding it, allowing the material's character to shine through.
- **Versatile Color Selection:** With twenty-four available colors, ColorWave® offers a wide range of hues for transforming plain concrete into vibrant and aesthetically pleasing surfaces.
- **Suitable for Various Applications:** ColorWave®'s versatility is suitability for a range of applications, from interior floors to outdoor patios.
- **Color Enhancement Options:** ColorWave® Stain can be applied over other concrete treatments to enhance the tone of colored concrete.
- **Artistic Possibilities:** ColorWave® opens up a world of artistic possibilities, enabling unique and visually stunning installations.

### PRE-APPLICATION

- **Clean:** The surface must be entirely free from dust, dirt, oil, grease, paints, glues, curing agents, efflorescence, chemical contaminants, rust, algae, mildew, and other materials that might interfere with the infusion and effectiveness of the stain's micronized pigments.
- **Cured:** Ensure the concrete or concrete overlay is fully cured before applying ColorWave®. A minimum curing period of 28 days is recommended for optimal results. Applying the stain to concrete that is not fully cured may result in unpredictable color and adhesion.
- **Sound:** The surface must be dry and structurally sound.
- **Profiled:** Conduct an absorption test to determine if the concrete is ready for staining. Pour water onto the surface and wait 3-5 minutes. If the water is not absorbed, clean and etch the surface using CitrusEtch™ concrete Etcher to open the pores of the concrete surface. Refer to the CitrusEtch™ Technical Data Sheet for instructions.
- **Temperature:** Apply when temperatures are between 60°F (15°C) to 95°F (35°C) for optimal results..
- **Note:** Poorly finished, broomed, or very old surfaces may absorb ColorWave® more deeply, leading to less visible color.

### PREPARATION

- **Personal Safety:** Always wear appropriate personal protective equipment as recommended in the Safety Data Sheet.
- **Area Preparation:** 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 ColorWave® to ensure uniformity. If using multiple jugs from different production lots, combine and mix them together to guarantee even coloration across the project.
- Plan the work area in manageable sections, utilizing natural break points such as walls and joints to avoid discrepancies in application. Maintain control of wet edges to reduce overlap marks.
- Apply ColorWave® using the prepared pump-up sprayer (with the filter removed) to achieve an even coat. To prevent track lines from the sprayer, use a circular spraying motion.
- Use spiked shoes if walking on the stained area is necessary. Avoid walking on wet stain to maintain a smooth, even application.
- Additional coats or combining supplementary colors for a layered effect is optional. Generally, apply lighter colors first. There is no need for drying time between coats, allowing for seamless layering.
- Apart from spraying, methods like mopping, sponging, and ragging 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 stain to dry completely, which typically takes 4 -12 hours, before proceeding with sealing.

## THINNING

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

Clean up ColorWave® Stain with ProClean Degreaser™ and water standard solution.

## SEALING

- ColorWave® stained concrete must be sealed to preserve the color and finish.
- Ensure the surface is clean and dry prior to sealing. Fans and blowers can be used to speed up the drying process.
- Epoxy and solvent-based sealers will produce a deep and brilliant look, whereas water-based sealers tend to give a more toned-down appearance.

## SURFACE PROTECTION AND MAINTENANCE

- Periodically inspect the sealed surface for areas where the sealer may be thinning or showing signs of wear due to traffic. Reapply the sealer as needed, following the guidance provided in the appropriate Technical Data Sheet.
- If traces of efflorescence are present, they should be removed using a gentle cleaner before resealing or applying any maintenance products.
- For interior surfaces, the application of ProWax Polish™ is recommended as a sacrificial layer on top of the existing seal coat to enhance protection and appearance. Ensure you obtain and review the appropriate Technical Data Sheet and Safety Data Sheet prior to using this product.

## 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:** ColorWave® 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:** ColorWave® might not adhere well to hard-troweled (smoothly machine-finished) surfaces or surfaces with pores smaller than its particles.
- **Sealant Requirement:** ColorWave® 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

This product 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

**CAUTION:** Avoid contact with eyes and skin. Do not breathe vapors. Do not take internally. In case of eye contact, flush thoroughly with water. In case of skin contact, flush thoroughly with water. If swallowed, do not induce vomiting. Call physician immediately. **KEEP OUT OF REACH OF CHILDREN.**

## WARRANTY

ColorWave®, 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	

## APPLICABLE STANDARDS

Meets EQ Credit 4.2 for Low-Emitting Materials: Paints & Coatings, when applied in conjunction with a low VOC sealer.

## COMPLEMENTARY PRODUCTS

- ProClean Degreaser™ Concentrate Cleaning agent.
- CitrusEtch™ - Concrete etching agent.
- ProClean Neutralizer™ Concentrate.
- EasySeal™ Acrylic Solvent-Based Tinted Sealer
- AcquaSeal™ Acrylic Water-Based Tinted Sealer
- OxiGrip™ Slip resistant Sealer additive
- ProWax Polish™ Premium Floor Wax & Polish
- PatchRx™ Concrete Repair.
- Resurface-It™ Concrete Overlay / Micro-topping

## COLOR SELECTION

ColorWave® is available in 24 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	Color Varies
Odor	Organic Citrus
Solubility in Water	< 70%
pH (aqueous suspension):	7.5-8.5
Specific Gravity	~ 1.11
Flash Point	>200°F (93.3°C)

## SAFETY DATA SHEET

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



## MANUFACTURER COLOR, SKU & UPC

White	DC-CLW-601-5GAL	UPC 810141963078
Silver	DC-CLW-602-5GAL	UPC 810141963115
Stone	DC-CLW-603-5GAL	UPC 810141963153
Steel	DC-CLW-604-5GAL	UPC 810141963191
Iron	DC-CLW-605-5GAL	UPC 810141963238
Black	DC-CLW-606-5GAL	UPC 810141963276
Amber	DC-CLW-607-5GAL	UPC 810141963313
Yellow	DC-CLW-608-5GAL	UPC 810141963351
Gold	DC-CLW-609-5GAL	UPC 810141963399
Persimmon	DC-CLW-610-5GAL	UPC 810141963436
Almond	DC-CLW-611-5GAL	UPC 810141963474
Tangerine	DC-CLW-612-5GAL	UPC 810141963511
Mahogany	DC-CLW-613-5GAL	UPC 810141963559
Sunset	DC-CLW-614-5GAL	UPC 810141963597
Red	DC-CLW-615-5GAL	UPC 810141963634
Rust	DC-CLW-616-5GAL	UPC 810141963672
Molasses	DC-CLW-617-5GAL	UPC 810141963719
Olive	DC-CLW-618-5GAL	UPC 810141963757
Ivy	DC-CLW-619-5GAL	UPC 810141963795
Emerald	DC-CLW-620-5GAL	UPC 810141963832
Black Forest	DC-CLW-621-5GAL	UPC 810141963870
Blue Spruce	DC-CLW-622-5GAL	UPC 810141963917
Blue	DC-CLW-623-5GAL	UPC 810141963955
Navy	DC-CLW-624-5GAL	UPC 810141963993

White	DC-CLW-601-1GAL	UPC 810141963047
Silver	DC-CLW-602-1GAL	UPC 810141963085
Stone	DC-CLW-603-1GAL	UPC 810141963122
Steel	DC-CLW-604-1GAL	UPC 810141963160
Iron	DC-CLW-605-1GAL	UPC 810141963207
Black	DC-CLW-606-1GAL	UPC 810141963245
Amber	DC-CLW-607-1GAL	UPC 810141963283
Yellow	DC-CLW-608-1GAL	UPC 810141963320
Gold	DC-CLW-609-1GAL	UPC 810141963368
Persimmon	DC-CLW-610-1GAL	UPC 810141963405
Almond	DC-CLW-611-1GAL	UPC 810141963443
Tangerine	DC-CLW-612-1GAL	UPC 810141963481
Mahogany	DC-CLW-613-1GAL	UPC 810141963528
Sunset	DC-CLW-614-1GAL	UPC 810141963566
Red	DC-CLW-615-1GAL	UPC 810141963603
Rust	DC-CLW-616-1GAL	UPC 810141963641
Molasses	DC-CLW-617-1GAL	UPC 810141963689
Olive	DC-CLW-618-1GAL	UPC 810141963726
Ivy	DC-CLW-619-1GAL	UPC 810141963764

## MANUFACTURER COLOR, SKU & UPC

Emerald	DC-CLW-620-1GAL	UPC 810141963801
Black Forest	DC-CLW-621-1GAL	UPC 810141963849
Blue Spruce	DC-CLW-622-1GAL	UPC 810141963887
Blue	DC-CLW-623-1GAL	UPC 810141963924
Navy	DC-CLW-624-1GAL	UPC 810141963962

White	DC-CLW-601-1QT	UPC 810141963054
Silver	DC-CLW-602-1QT	UPC 810141963092
Stone	DC-CLW-603-1QT	UPC 810141963139
Steel	DC-CLW-604-1QT	UPC 810141963177
Iron	DC-CLW-605-1QT	UPC 810141963214
Black	DC-CLW-606-1QT	UPC 810141963252
Amber	DC-CLW-607-1QT	UPC 810141963290
Yellow	DC-CLW-608-1QT	UPC 810141963337
Gold	DC-CLW-609-1QT	UPC 810141963375
Persimmon	DC-CLW-610-1QT	UPC 810141963412
Almond	DC-CLW-611-1QT	UPC 810141963450
Tangerine	DC-CLW-612-1QT	UPC 810141963498
Mahogany	DC-CLW-613-1QT	UPC 810141963535
Sunset	DC-CLW-614-1QT	UPC 810141963573
Red	DC-CLW-615-1QT	UPC 810141963610
Rust	DC-CLW-616-1QT	UPC 810141963658
Molasses	DC-CLW-617-1QT	UPC 810141963696
Olive	DC-CLW-618-1QT	UPC 810141963733
Ivy	DC-CLW-619-1QT	UPC 810141963771
Emerald	DC-CLW-620-1QT	UPC 810141963818
Black Forest	DC-CLW-621-1QT	UPC 810141963856
Blue Spruce	DC-CLW-622-1QT	UPC 810141963894
Blue	DC-CLW-623-1QT	UPC 810141963931
Navy	DC-CLW-624-1QT	UPC 810141963979

## MANUFACTURER COLOR, SKU & UPC

White	DC-CLW-601-4OZ	UPC 810141963061
Silver	DC-CLW-602-4OZ	UPC 810141963108
Stone	DC-CLW-603-4OZ	UPC 810141963146
Steel	DC-CLW-604-4OZ	UPC 810141963184
Iron	DC-CLW-605-4OZ	UPC 810141963221
Black	DC-CLW-606-4OZ	UPC 810141963269
Amber	DC-CLW-607-4OZ	UPC 810141963306
Yellow	DC-CLW-608-4OZ	UPC 810141963344
Gold	DC-CLW-609-4OZ	UPC 810141963382
Persimmon	DC-CLW-610-4OZ	UPC 810141963429
Almond	DC-CLW-611-4OZ	UPC 810141963467
Tangerine	DC-CLW-612-4OZ	UPC 810141963504
Mahogany	DC-CLW-613-4OZ	UPC 810141963542
Sunset	DC-CLW-614-4OZ	UPC 810141963580
Red	DC-CLW-615-4OZ	UPC 810141963627
Rust	DC-CLW-616-4OZ	UPC 810141963665
Molasses	DC-CLW-617-4OZ	UPC 810141963702
Olive	DC-CLW-618-4OZ	UPC 810141963740
Ivy	DC-CLW-619-4OZ	UPC 810141963788
Emerald	DC-CLW-620-4OZ	UPC 810141963825
Black Forest	DC-CLW-621-4OZ	UPC 810141963863
Blue Spruce	DC-CLW-622-4OZ	UPC 810141963900
Blue	DC-CLW-623-4OZ	UPC 810141963948
Navy	DC-CLW-624-4OZ	UPC 810141963986