

ACQUATINT™

TECHNICAL DATA SHEET



DESCRIPTION

AcquaTint™ is an eco-friendly, colored water-based sealer that combines style with protection for concrete surfaces. Its advanced formula, featuring a 25% solids concentration of non-yellowing acrylic polymer resin, ensures durability and aesthetic enhancement with low VOC emissions (<34 g/L). As a semi-transparent stain and sealer, AcquaTint™ enriches concrete with deep, durable color, available in twenty-nine shades. This premium product allows for precise control over application, seamlessly blending environmental responsibility with exceptional aesthetic appeal.

PRODUCT BENEFITS

- **Superior Durability:** Ensures long-lasting protection against abrasion, chemicals, and environmental factors.
- **Enhances Natural Finish:** AcquaTint™ enhances the concrete's natural finish rather than hiding it, allowing the material's character to shine through.
- **Versatile Color Selection:** With twenty-nine available colors, AcquaTint™ offers a wide range of hues for transforming plain concrete into vibrant and aesthetically pleasing surfaces.
- **Environmental Responsibility:** Low VOC formulation supports healthier indoor and outdoor environments.
- **Adhesion & Flexibility:** Exhibits excellent adhesion to a variety of substrates, maintaining flexibility to withstand physical stresses.
- **Weather and UV Resistance:** Engineered for exceptional resistance to weathering and UV degradation, preserving the integrity and appearance of treated surfaces.
- **Dust Mitigation:** Effectively reduces surface dusting for a cleaner, more maintainable finish.
- **Color Enhancement Options:** AcquaTint™ can be applied over other concrete treatments to enhance the tone of colored concrete.

PRE-APPLICATION

- **Cured:** Before applying AcquaTint™, ensure that the concrete or concrete overlay is fully cured. For optimum results, a curing period of at least 28 days is recommended. Applying stain to concrete that has not fully cured may lead to unpredictable results in terms of color and adhesion.
- **Sound:** The surface must be dry and structurally sound. Ensure it is clean and free of dirt, grime, sealer, and any other material that might interfere with the effectiveness of the colored sealer.
- **Profiled:** Perform an absorption test to check if the concrete is ready for staining. Pour water onto the concrete surface and wait for 3-5 minutes. If the water is not absorbed, the surface will need to be cleaned and etched with CitrusEtch™ to open the pores of the concrete. Detailed instructions can be found in the CitrusEtch™ Technical Data Sheet. If the concrete absorbs the water, it is ready for AcquaTint™ application.
- **Temperature:** Apply when temperatures are between 60°F (15°C) to 95°F (35°C) for optimal results..
- **Note:** Surfaces that are excessively porous, such as those poorly finished, broomed, or very old, may absorb AcquaTint™ too deeply, resulting in a 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 colored sealer's effectiveness.**

TOOLS FOR APPLICATION

- For Large Applications: Apply stain using a garden-type pump sprayer (with the filter removed), a ¾" nap roller, and a paint tray.
- 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

- Divide the work area into manageable sections, using natural break points like walls and joints to ensure uniform application.
- Maintain wet edges to minimize overlap marks.
- Achieve even coverage by rolling in a continuous, thin, overlapping pattern or spraying in a controlled, circular motion. Note: The sealer will appear milky when applied but will dry clear.
- Prevent puddling and drips: backroll with a nap roller and start/stop the sprayer off the work surface.
- Allow 6 to 12 hours of drying time between coats, adjusting for environmental conditions.
- Test surface dryness before a second coat by pressing with a thumbnail; proceed if there's no dent.
- Apply thin layers to avoid bubbling and ensure optimal finish and performance.
- Tip for Windy Conditions: Prefer rolling to spraying under windy conditions to minimize sealer waste and prevent bubble formation. Wind can significantly increase sealer loss and lead to uneven application.

THINNING

Thinning or diluting this product is strongly discouraged.

COVERAGE

Estimated coverage is approximately 200 square feet (18.58 m²) 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

- Immediate Clean Up: For effective clean-up of spills and cleaning of tools before AcquaTint™ has dried, use ProClean Degreaser™ in its standard dilution. Consult the Technical Data Sheet for usage and safety details.
- Removing Cured Sealer: To remove AcquaTint™ once it has cured, Soy Gel Stripper or a comparable high-strength commercial-grade stripper is recommended. Consult the Technical Data Sheet of the selected stripper for specific application guidelines and safety measures.

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,
- 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 Compatibility: AcquaTint™ may face adhesion challenges on hard-troweled (machine troweled smooth) surfaces or surfaces with pores smaller than its particles. On such surfaces, the colored sealer risks drying without adhering properly. Ensure thorough surface preparation to mitigate this risk.

- **Surface Characteristics:** AcquaTint™, a translucent colored sealer, enriches the concrete surface with color without acting as an opaque paint. It preserves the visibility of discolorations, blemishes, cracks, and other surface inconsistencies rather than concealing them. This property might even highlight variations in surface porosity. AcquaTint™ goes on with a milky appearance but dries to reveal a tinted hue.
- **Avoid Liquid Contact During Curing:** Prevent any liquids, including sweat, from coming into contact with the uncured coating, as this can affect both the curing process and the quality of the finish.
- **Wear and Tear:** As with all water-based acrylic sealers, AcquaTint™ is subject to surface wear. Its longevity and durability are contingent upon proper application to a suitably prepared surface, and will also depend on the volume and type of traffic.
- **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

Two prominent US agencies, the Occupational Safety and Health Administration (OSHA) and the Department of Justice through the Americans with Disabilities Act (ADA), have set guidelines for minimum coefficients of friction to ensure safety on walkways and ramps. The ADA standards are notably more stringent, requiring a minimum coefficient of friction of 0.6 for accessible walkways and 0.8 for ramps. It is the applicator's responsibility to ensure these criteria are met, especially in areas prone to becoming wet, oily, or greasy. Refer to OxiGrip™ Slip Resistant Additive) TDS and its accompanying coefficient of friction table.

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. Do not allow to freeze.

HEALTH & SAFETY GUIDELINES

CAUTION: Avoid contact with eyes and skin. 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

AcquaTint™, 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.

COMPLEMENTARY PRODUCTS

- ProClean Degreaser™ Concentrate Cleaning agent.
- CitrusEtch™ - Concrete etching agent.
- ProClean Neutralizer™ Concentrate.
- 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

AcquaTint™ 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	Color Varies
Odor	Slight
Solubility in Water	< 50%
pH	ND
Specific Gravity	~ 1.06
Flash Point	>200°F (93.3°C)

SAFETY DATA SHEET

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



MANUFACTURERS SKU & UPC

Auburn	DC-AQT-SAT-501-5GAL	DC-AQT-SAT-501-5GAL
Aztec Brown	DC-AQT-SAT-502-5GAL	DC-AQT-SAT-502-5GAL
Black	DC-AQT-SAT-503-5GAL	DC-AQT-SAT-503-5GAL
Buff	DC-AQT-SAT-504-5GAL	DC-AQT-SAT-504-5GAL
Cafe Royale	DC-AQT-SAT-505-5GAL	DC-AQT-SAT-505-5GAL
Charcoal	DC-AQT-SAT-506-5GAL	DC-AQT-SAT-506-5GAL
Chocolate	DC-AQT-SAT-507-5GAL	DC-AQT-SAT-507-5GAL
Cinnabar	DC-AQT-SAT-508-5GAL	DC-AQT-SAT-508-5GAL
Crimson	DC-AQT-SAT-509-5GAL	DC-AQT-SAT-509-5GAL
Cumin	DC-AQT-SAT-510-5GAL	DC-AQT-SAT-510-5GAL
Driftwood	DC-AQT-SAT-511-5GAL	DC-AQT-SAT-511-5GAL
Fern Green	DC-AQT-SAT-512-5GAL	DC-AQT-SAT-512-5GAL
Terracotta	DC-AQT-SAT-513-5GAL	DC-AQT-SAT-513-5GAL
Goldenrod	DC-AQT-SAT-514-5GAL	DC-AQT-SAT-514-5GAL
Gray	DC-AQT-SAT-515-5GAL	DC-AQT-SAT-515-5GAL
Khaki	DC-AQT-SAT-516-5GAL	DC-AQT-SAT-516-5GAL
Light Charcoal	DC-AQT-SAT-517-5GAL	DC-AQT-SAT-517-5GAL
Maple	DC-AQT-SAT-518-5GAL	DC-AQT-SAT-518-5GAL
Milano Red	DC-AQT-SAT-519-5GAL	DC-AQT-SAT-519-5GAL
Olive	DC-AQT-SAT-520-5GAL	DC-AQT-SAT-520-5GAL
Plum	DC-AQT-SAT-521-5GAL	DC-AQT-SAT-521-5GAL
Pumpkin	DC-AQT-SAT-522-5GAL	DC-AQT-SAT-522-5GAL
Russet	DC-AQT-SAT-523-5GAL	DC-AQT-SAT-523-5GAL
Silver Gray	DC-AQT-SAT-524-5GAL	DC-AQT-SAT-524-5GAL
Sunset Tan	DC-AQT-SAT-525-5GAL	DC-AQT-SAT-525-5GAL
Tan	DC-AQT-SAT-526-5GAL	DC-AQT-SAT-526-5GAL
Tweed	DC-AQT-SAT-528-5GAL	DC-AQT-SAT-528-5GAL
Wheat	DC-AQT-SAT-529-5GAL	DC-AQT-SAT-529-5GAL
Yukon Gold	DC-AQT-SAT-530-5GAL	DC-AQT-SAT-530-5GAL

Auburn	DC-AQT-SAT-501-1GAL	DC-AQT-SAT-501-1GAL
Aztec Brown	DC-AQT-SAT-502-1GAL	DC-AQT-SAT-502-1GAL
Black	DC-AQT-SAT-503-1GAL	DC-AQT-SAT-503-1GAL
Buff	DC-AQT-SAT-504-1GAL	DC-AQT-SAT-504-1GAL
Cafe Royale	DC-AQT-SAT-505-1GAL	DC-AQT-SAT-505-1GAL
Charcoal	DC-AQT-SAT-506-1GAL	DC-AQT-SAT-506-1GAL
Chocolate	DC-AQT-SAT-507-1GAL	DC-AQT-SAT-507-1GAL
Cinnabar	DC-AQT-SAT-508-1GAL	DC-AQT-SAT-508-1GAL
Crimson	DC-AQT-SAT-509-1GAL	DC-AQT-SAT-509-1GAL
Cumin	DC-AQT-SAT-510-1GAL	DC-AQT-SAT-510-1GAL
Driftwood	DC-AQT-SAT-511-1GAL	DC-AQT-SAT-511-1GAL
Fern Green	DC-AQT-SAT-512-1GAL	DC-AQT-SAT-512-1GAL
Terracotta	DC-AQT-SAT-513-1GAL	DC-AQT-SAT-513-1GAL
Goldenrod	DC-AQT-SAT-514-1GAL	DC-AQT-SAT-514-1GAL
Gray	DC-AQT-SAT-515-1GAL	DC-AQT-SAT-515-1GAL
Khaki	DC-AQT-SAT-516-1GAL	DC-AQT-SAT-516-1GAL
Light Charcoal	DC-AQT-SAT-517-1GAL	DC-AQT-SAT-517-1GAL
Maple	DC-AQT-SAT-518-1GAL	DC-AQT-SAT-518-1GAL
Milano Red	DC-AQT-SAT-519-1GAL	DC-AQT-SAT-519-1GAL
Olive	DC-AQT-SAT-520-1GAL	DC-AQT-SAT-520-1GAL

MANUFACTURER COLOR, SKU & UPC

Plum	DC-AQT-SAT-521-1GAL	UPC 810141962286
Pumpkin	DC-AQT-SAT-522-1GAL	UPC 810141962323
Russet	DC-AQT-SAT-523-1GAL	UPC 810141962361
Silver Gray	DC-AQT-SAT-524-1GAL	UPC 810141962408
Sunset Tan	DC-AQT-SAT-525-1GAL	UPC 810141962446
Tan	DC-AQT-SAT-526-1GAL	UPC 810141962484
Tweed	DC-AQT-SAT-528-1GAL	UPC 810141962521
Wheat	DC-AQT-SAT-529-1GAL	UPC 810141962569
Yukon Gold	DC-AQT-SAT-530-1GAL	UPC 810141962606

Auburn	DC-AQT-SAT-501-1QT	UPC 810141961494
Aztec Brown	DC-AQT-SAT-502-1QT	UPC 810141961531
Black	DC-AQT-SAT-503-1QT	UPC 810141961579
Buff	DC-AQT-SAT-504-1QT	UPC 810141961616
Cafe Royale	DC-AQT-SAT-505-1QT	UPC 810141961654
Charcoal	DC-AQT-SAT-506-1QT	UPC 810141961692
Chocolate	DC-AQT-SAT-507-1QT	UPC 810141961739
Cinnabar	DC-AQT-SAT-508-1QT	UPC 810141961777
Crimson	DC-AQT-SAT-509-1QT	UPC 810141961814
Cumin	DC-AQT-SAT-510-1QT	UPC 810141961852
Driftwood	DC-AQT-SAT-511-1QT	UPC 810141961890
Fern Green	DC-AQT-SAT-512-1QT	UPC 810141961937
Terracotta	DC-AQT-SAT-513-1QT	UPC 810141961975
Goldenrod	DC-AQT-SAT-514-1QT	UPC 810141962019
Gray	DC-AQT-SAT-515-1QT	UPC 810141962057
Khaki	DC-AQT-SAT-516-1QT	UPC 810141962095
Light Charcoal	DC-AQT-SAT-517-1QT	UPC 810141962132
Maple	DC-AQT-SAT-518-1QT	UPC 810141962170
Milano Red	DC-AQT-SAT-519-1QT	UPC 810141962217
Olive	DC-AQT-SAT-520-1QT	UPC 810141962255
Plum	DC-AQT-SAT-521-1QT	UPC 810141962293
Pumpkin	DC-AQT-SAT-522-1QT	UPC 810141962330
Russet	DC-AQT-SAT-523-1QT	UPC 810141962378
Silver Gray	DC-AQT-SAT-524-1QT	UPC 810141962415
Sunset Tan	DC-AQT-SAT-525-1QT	UPC 810141962453
Tan	DC-AQT-SAT-526-1QT	UPC 810141962491
Tweed	DC-AQT-SAT-528-1QT	UPC 810141962538
Wheat	DC-AQT-SAT-529-1QT	UPC 810141962576
Yukon Gold	DC-AQT-SAT-530-1QT	UPC 810141962613

MANUFACTURER COLOR, SKU & UPC

Auburn	DC-AQT-SAT-501-4OZ	UPC 810141961500
Aztec Brown	DC-AQT-SAT-502-4OZ	UPC 810141961548
Black	DC-AQT-SAT-503-4OZ	UPC 810141961586
Buff	DC-AQT-SAT-504-4OZ	UPC 810141961623
Cafe Royale	DC-AQT-SAT-505-4OZ	UPC 810141961661
Charcoal	DC-AQT-SAT-506-4OZ	UPC 810141961708
Chocolate	DC-AQT-SAT-507-4OZ	UPC 810141961746
Cinnabar	DC-AQT-SAT-508-4OZ	UPC 810141961784
Crimson	DC-AQT-SAT-509-4OZ	UPC 810141961821
Cumin	DC-AQT-SAT-510-4OZ	UPC 810141962064
Driftwood	DC-AQT-SAT-511-4OZ	UPC 810141962101
Fern Green	DC-AQT-SAT-512-4OZ	UPC 810141962149
Terracotta	DC-AQT-SAT-513-4OZ	UPC 810141962187
Goldenrod	DC-AQT-SAT-514-4OZ	UPC 810141962224
Gray	DC-AQT-SAT-515-4OZ	UPC 810141962262
Khaki	DC-AQT-SAT-516-4OZ	UPC 810141962309
Light Charcoal	DC-AQT-SAT-517-4OZ	UPC 810141962347
Maple	DC-AQT-SAT-518-4OZ	UPC 810141962385
Milano Red	DC-AQT-SAT-519-4OZ	UPC 810141962422
Olive	DC-AQT-SAT-520-4OZ	UPC 810141962460
Plum	DC-AQT-SAT-521-4OZ	UPC 810141962507
Pumpkin	DC-AQT-SAT-522-4OZ	UPC 810141962545
Russet	DC-AQT-SAT-523-4OZ	UPC 810141962583
Silver Gray	DC-AQT-SAT-524-4OZ	UPC 810141962620
Sunset Tan	DC-AQT-SAT-525-4OZ	UPC 810141961869
Tan	DC-AQT-SAT-526-4OZ	UPC 810141961906
Tweed	DC-AQT-SAT-528-4OZ	UPC 810141961944
Wheat	DC-AQT-SAT-529-4OZ	UPC 810141961982
Yukon Gold	DC-AQT-SAT-530-4OZ	UPC 810141962026