

### Description

Tinté D'Acqua<sup>™</sup> stains are penetrating, water-based stains that produce unique color effects in finished cementitious surfaces that simulate the natural shadings and aged appearance of stone or masonry. The color effect produced is unique to each stained surface and cannot be duplicated with other materials. Tinté D'Acqua<sup>™</sup> contains no acids or harmful chemicals and works as an alternative to typical reactive acid stains.

### Basic Uses

Tinté D'Acqua<sup>™</sup> may be applied over troweled or textured concrete, cement-based overlays, vertical or horizontal concrete and masonry surfaces, artificial rock displays, water features and themed finishes. Tinté D'Acqua<sup>™</sup> is ideally suited for use in the Impressions<sup>™</sup>, Perfetto-Espray<sup>™</sup>, ColorFlo<sup>®</sup>, Venetian Micro-Topping<sup>™</sup>, Colour-Hard<sup>™</sup> and Artisan Overlay<sup>™</sup> systems.

### Composition

Tinté D'Acqua<sup>™</sup> stain is a water-based formulation. Tinté D'Acqua<sup>™</sup> contains no hydrochloric acid, making it more environmentally friendly.

### Colors

Tinté D'Acqua<sup>™</sup> is available in 28 standard colors. Refer to the Tinté D'Acqua<sup>™</sup> Sales Sheet LEG TDA for colors available. Special colors and effects can be produced by using one or more applications, or by blending two or more colors.

### Application

**Samples and Mock-Ups:** Provide applied material samples in the color and texture specified for the project to the architect and owners for approval prior to project start. Provide on-site mock-up prior to project start for approval of color, texture and workmanship.

**Preparation:** Previous coatings, adhesives, sealers, or other treatments must be removed with appropriate methods prior to application of Tinté D'Acqua<sup>™</sup>. Actual preparation methods will depend upon the substrate conditions.

### Surface Preparation Clean

Concrete must be thoroughly cleaned before using Tinté D'Acqua<sup>™</sup>. Liquid curing agents should not be used on concrete that is to be stained. Nothing should block the porosity of the host surface.

For premier results in cleaning concrete prior to using Tinté D'Acqua<sup>™</sup> use a black scrubbing pad with water on a rotational floor scrubbing machine. Fresco Stain Profiler 1 (FSP1) is recommended for every Tinté D'Acqua<sup>™</sup> project on concrete. FSP1 is a mildly acidic detergent that cleans concrete

thoroughly. Apply diluted at the ratio of 2:1 (2 parts water to 1 part FSP1.) Coverage is approximately 150 sq. ft. per gallon. After spraying FSP1 from a pump-up sprayer, agitate with a nylon bristle broom. Do not allow FSP1 to dry on slab, rinse frequently. For interior slabs, wet vacuum rinsed areas. For exterior slabs, simply rinse away. The measure of profiling provided by FSP1, permits the colors to go deeper into the concrete.

FSP1 degreaser may be required for visible oil stains. Oil, grease, and other petroleum stains that are permanent will not be appealing in final coloration, nor will they receive the sealer to follow.

FSP1 in a lighter dilution rate 4 or 5:1 (4 or 5 parts water to 1 part FSP1) is recommended prior to putting Tinté D'Acqua<sup>™</sup> on stamped overlay that has utilized liquid release for stamping tools. Interior stamp overlay projects where little, if any, evaporation of liquid release has occurred may require FSP1 degreaser prior to staining.

The concrete surface must be uniformly clean and dry, prior to application of Tinté D'Acqua<sup>™</sup>. Dirty or contaminated surfaces may prevent adequate penetration of Tinté D'Acqua<sup>™</sup> and severely limit color results.

New and integrally colored concrete should be cured a minimum of 14 days prior to application of Tinté D'Acqua<sup>™</sup>.

Insure minimal moisture retention within the concrete substrate.

Some very dense concrete with a slick, tightly troweled surface may require mechanical preparation methods prior to applying the Tinté D'Acqua<sup>™</sup> to open the surface to ensure proper penetration. Surfaces requiring this type of preparation can be identified during the mock-up. If Tinté D'Acqua<sup>™</sup> leaves a residue that is easy to remove the surface is too tight and needs further preparation.

### Protection

Surrounding areas and foliage should be protected prior to staining. Any adjoining walls should be masked. The use of plastic sheeting for masking is appropriate, as it will not absorb and hold the stain. Wear a NIOSH approved respirator if adequate ventilation is problematic. The use of chemical resistance gloves and chemical splash goggles is appropriate. Wear suitable protective clothing to protect skin.

**Application of Stain:** Divide work area into manageable sections, utilizing natural break points such as walls, joints or other features. It is important to control wet edges to minimize

overlap marking during application. Do not walk on wet stain.

Thoroughly mix the Tinté D'Acqua<sup>™</sup> prior to use. Check the lot numbers and blend material if different lot numbers are on the jobsite.

Apply first coat with a sprayer on surface using caution to avoid track lines from the spray pattern. A circular motion with the wand is desired. Tinté D'Acqua<sup>™</sup> may be applied full strength or diluted with water to desired rate.

Applying additional coats is optional. Supplementary colors may be combined at desired rates and number of coats. Customarily apply lighter colors first. In addition to spraying, some contractors employ mopping, sponging, and ragging, especially for accenting.

Additional coats may be applied, to achieve a desired color or special effect. DO NOT over apply the material. Excessive stain application can leave pigment at the surface which can lead to sealer failure. Remove any stain residues by lightly scrubbing with water and allow to dry thoroughly prior to sealing.

Treated surfaces should remain undisturbed until dry to the touch prior to additional staining or sealing.

Apply either Signature Seal VOC<sup>™</sup>, Signature Satin 400<sup>™</sup>, Premium Seal VOC 100<sup>™</sup> or Magnum Seal<sup>™</sup> after the substrate has thoroughly dried. Consult the respective Technical Data Sheets for complete instructions. Use of required, approved sealers may enhance color. AquaClear VOC<sup>™</sup> can be used over Tinté D'Acqua<sup>™</sup> if applied to any of the overlay products.

Sealer must be maintained! Periodically inspect sealer for areas of thin or traffic worn sealer and reapply as needed.

Decorative score lines that are to be grouted should be grouted between coats of sealer.

Allow twenty-four (24) hours before permitting foot traffic on sealed area. Allow seventy-two (72) hours before permitting vehicle traffic on sealed area.

### Coverages

Coverage: 1 gal. = 200 sq. ft. per coat.  
Mixing Ratio: varies from no water dilution to approx. 4:1 / water. Tinté D'Acqua<sup>™</sup> is available in 28 colors.



## Tinté D'Acqua™ Characteristics and Applications

### Packaging

1 gallon (3.8 liter) jugs, 4 jugs per case,  
36 cases per pallet.

### Storage and Shelf Life

Keep from freezing. Store in cool, dry location. Shelf life of properly stored materials is 1 year from date of manufacture in unopened original container.

### Clean Up

Clean tools and equipment immediately after use with clean water.

### Limitations

Variations in ready mix concrete, finishing techniques and application technique will affect final appearance. A mock-up/test area is always recommended.

Tinté D'Acqua™ will not hide existing concrete discoloration, blemishes, cracks or other surface problems. Any patched area will be affected differently than the original concrete.

Concrete composition, porosity, age, texture and surface characteristics will affect penetration and final color results.

Extremely dense or tight surfaces may require mechanical abrasion prior to application to ensure proper penetration.

Extremely weathered concrete surfaces may require additional coats of stain to achieve color value.

Dirty or contaminated surfaces may prevent adequate penetration of Tinté D'Acqua™ and severely limit color results.

Apply in ambient and surface temperatures above 40°F and rising and lower than 90°F. Cement substitutes will not affect color.

### Precautions

Review material safety data sheet prior to product use and for additional information.

1. KEEP OUT OF REACH OF CHILDREN.
2. Wear protective clothing, gloves and goggles when handling and/or applying Tinté D'Acqua™.
3. Avoid contact with skin and eyes. Flush skin and eyes with water if contact occurs.
4. Avoid ingestion of stain. If ingestion occurs, contact a poison control center immediately.

### Warranty

Legacy™ Decorative Concrete Systems warrants that these products will be free from defects, and will perform as specified in the Technical Data Sheet, provided that storage, use and application of product are in accordance with manufacturer's recommendations and application instructions. The exclusive remedy of the user or buyer and the limit of the liability of this company for product proven defective shall be the purchase price paid by the user or buyer for the quantity of the Legacy™ Decorative Concrete Systems products involved. Legacy™ Decorative Concrete Systems shall not be liable for indirect, incidental, consequential, or special damages, whether due to breach of warranty or tort (including without limitation Legacy™ Decorative Concrete Systems).

### Manufacturer

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