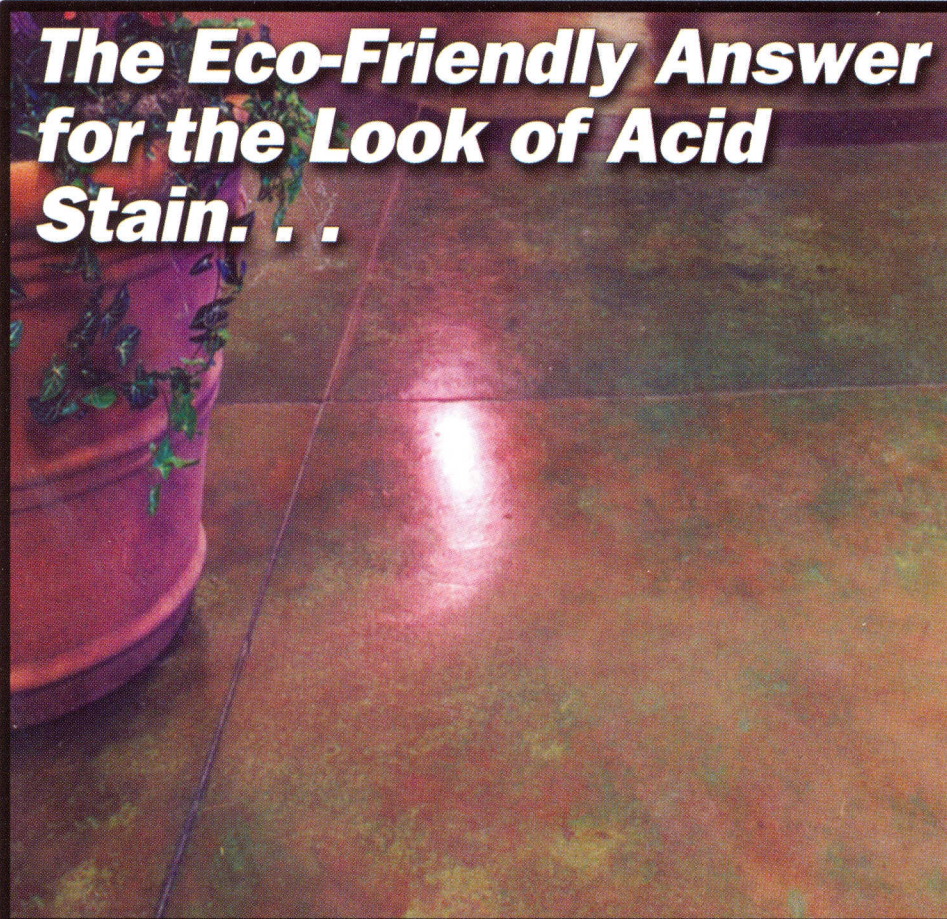




# STONE *Essence*

CONCENTRATED TRANSPARENT STAIN

***The Eco-Friendly Answer  
for the Look of Acid  
Stain. . .***



**Transform Plain  
Gray Concrete  
Into Deeply Rich  
Colored Surfaces**

- Variegated Finish
- 20 Standard Colors
- Won't Peel, Chip, Crack, or Fade
- Perfect for Interior and Exterior Use
- Ideal "touch-up" for acid stained surface
- Environmentally Friendly, Odorless

***. . . Ideal for Exterior and Interior Use!***

Stone Essence  
Concentrated  
Concrete Stain is  
Ideal for:

- Patios
- Pool Decks
- Walkways
- Garages
- Driveways
- Basements



**No Acid ● No VOC's**



**Decorative Concrete Technology**

# STONE ESSENCE

## SEMI-TRANSPARENT STAIN FOR CONCRETE

### DESCRIPTION

STONE ESSENCE is a unique eco-friendly alternative to acid stained concrete. STONE ESSENCE is a concentrated water-based coloring system composed of UV stable, transparent iron oxide pigments. STONE ESSENCE is not a sealer, but surfaces colored with STONE ESSENCE can be sealed with either solvent or waterborne sealers.

### FEATURES

#### RECOMMENDED SURFACES:

- ◆ All Masonry and Concrete (unpainted)
- ◆ Interior and Exterior
- ◆ Commercial or Residential
- ◆ Pool Decks (Kool Deck and Keystone)
- ◆ Driveways
- ◆ Sidewalks
- ◆ Patios
- ◆ Residential Garage floors
- ◆ Architectural Concrete
- ◆ Poured and precast concrete
- ◆ Condominium Catwalks

### TECHNICAL INFORMATION

CONTAINS NO VOC'S.... 0 g/l

### PACKAGING

1 quart units of concentrate

### SHELF LIFE

2 years in original, unopened containers

### COVERAGE

Coverage will vary depending on porosity and desired effect. Average coverage is between 200 and 300 square feet per mixed gallon.



Decorative Concrete  
Technology

#### INCRETE SYSTEMS

1611 Gunn Hwy. Odessa, FL 33556

Phone: 813-886-8811 - Toll-Free: 800-752-4626 - Fax: 813-920-1516

[www.increte.com](http://www.increte.com)

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# STONE ESSENCE

## SEMI-TRANSPARENT STAIN FOR CONCRETE

### DIRECTIONS FOR USE

#### **STEP 1: CLEAN SURFACE**

STONE ESSENCE is semi-transparent and **cannot** be used to cover unsightly stains; the surface must be cleaned prior to application. Hose down entire surface to be coated. Clean all grease, oil, and dirt stains with INCRETE SYSTEMS GREASE-A-WAY degreaser, water and a scrub brush or power washer. Rinse surface thoroughly and repeat until spots are completely removed. Refer to ASTM D4258 Standard practice for cleaning concrete for coating

#### **STEP 2: SURFACE PREP-PROFILING**

The surface must be prepared to achieve an 80-grit sandpaper-like finish using one of the following methods: Acid etch, sanding, grinding, or shot blasting. Please refer to ASTM D4259 Standard practice for abrading concrete.

For Acid Etching, hose down surface to be etched. Mix 1 part muriatic acid to 5 parts water in an acid-resistant, plastic sprayer. Spray acid mixture on surface and scrub. Rinse thoroughly with fresh water before acid is allowed to dry. Repeat operation if needed until a sandpaper-like finish is achieved.

#### **STEP 3: APPLY COLOR**

**Mix well before use.** Mix 1 part STONE ESSENCE with 3 parts water. Apply evenly with pump sprayer, avoid puddling and mix or shake periodically as pigments may separate in sprayer. Allow slab to dry completely prior to sealing. Do not stain when surface temperature is below 50 deg. F. or above 90 deg. F.

#### **STEP 4: SEAL**

Apply your choice of Increte Systems' clear coatings.

#### **CLEAN UP**

Clean tools with warm water before material dries.

### PRECAUTIONS/LIMITATIONS

Do not allow product to freeze

**NOTE:** Color Chart representations are based on use on a medium gray concrete. Multiple colors may be combined or layered for added mottling effects.

Avoid contact with skin. Use rubber gloves when handling. Avoid contact with eyes. Product will not burn, but may spatter if temperature exceeds boiling point of water.

**DO NOT TAKE INTERNALLY.**

**KEEP AWAY FROM CHILDREN.**

**FOR PROFESSIONAL USE ONLY.**

**WARRANTY** All recommendations, statements and technical data contained herein based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his use of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person having any injury, loss or damage directly or indirectly resulting from use of or inability to use the product. Recommendations or statements other than those contained in written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

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A Division of The Euclid Chemical Company

# Stone Essence Do's & Don'ts

**THIS GUIDE IS MEANT AS A QUICK REFERENCE ONLY.** Read the appropriate Increte Technical Data Sheets , MSDS and Installation Guides for complete information and installation instructions. The use of concrete stains requires skill, experience and experimentation to produce the desired effect.

<b>Stone Essence® Water Based Stain</b>	
<b>Benefits</b>	<ul style="list-style-type: none"> <li>-Water based alternative to chemical stains.</li> <li>-Color will not peel, crack, chip, or fade.</li> <li>-May be used to permanently color old or newly placed concrete which has been allowed to <b>cure a minimum of 28 days</b>.</li> <li>-Concentrated stain allows the applicator to determine color intensity.</li> <li>-UV stable, semi-transparent color effects.</li> </ul>
<b>Coverage</b>	<ul style="list-style-type: none"> <li>-Multiple applications are necessary to produce desired effects.</li> <li>-Mock ups and/or test areas should be applied to the slab to be stained to determine concentration, application technique and colors necessary to produce the desired result.</li> <li>-Stain coverage will vary depending on the desired result. Apply at approximately 200-250sf/gallon per application.</li> </ul>

**Stone Essence is a concentrate.**

Mix three parts water with one part stain concentrate to achieve the colors on the Stone Essence chart.

<b>Stone Essence Application Procedures</b>		
	<b>Do's</b>	<b>Don'ts</b>
<b>General Preparation &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Clean the concrete surface with <b>Increte Grease Away</b> and/or <b>Increte UniStrip</b> to remove any unseen grease, oil, dirt and other contaminants and bond breakers before staining.</li> <li>• Ensure that the concrete or overlay to be stained is porous before application of stain.</li> <li>• Perform a simple water test to determine if sufficient porosity exists. Apply water to the surface. If water is quickly absorbed into the concrete, sufficient porosity exists to continue stain procedure. If water beads or does not quickly absorb, you must mechanically open the pores of the concrete.</li> </ul>	<ul style="list-style-type: none"> <li>• Don't apply Stone Essence to a surface which has not been thoroughly cleaned with a detergent. Don't assume that a simple pressure washing is sufficient to remove contaminants, sealers, waxes, residue or bond breakers.</li> <li>• Don't allow cleaning solutions and detergents to dry on the surface. Cleaning agents may leave a residue which must be removed prior to staining.</li> <li>• Don't begin a Stone Essence project without properly masking all adjacent concrete, landscaping, framing and surrounding areas. If you do not want stain on it, please mask it.</li> </ul>

**Stone Essence Application Procedures (continued)**

	<b>Do's</b>	<b>Don'ts</b>
<b>General Preparation &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Use a mechanical means to open the pores of the concrete, if necessary. Rotary sanding, grinding, or scarifying will sufficiently open pores to the point where water will penetrate. Before staining, clean any dust or residue resulting from mechanically opening the pores. An acid etch (5 parts water to one part Muriatic Acid) will also open the concrete pores. Be sure to wash the acid etch off the surface before it dries.</li> <li>• Mask all surrounding areas including adjacent concrete, drywall, framing and landscaping.</li> <li>• If possible, advise all other trades on the jobsite that the floor is to be stained and is sensitive to contaminants including dirt, coffee spills, drywall mud, oils, grease and other contaminants. Protect the floor with a construction floor covering while other trades are working in the area.</li> </ul>	<ul style="list-style-type: none"> <li>• Don't assume that the floor will remain protected throughout the construction process. Advise other trades that the floor is extremely sensitive and will not tolerate stains.</li> <li>• Don't use cheap sprayers to apply Stone Essence. Use only high quality pump sprayers. These may cost more than a standard sprayer but are well worth the investment.</li> </ul>
<b>Preparation of Newly Placed Concrete</b>	<ul style="list-style-type: none"> <li>• Allow newly placed concrete to cure a minimum of 28 days before Stone Essence application.</li> <li>• Protect the concrete from staining by using a suitable construction floor covering.</li> <li>• Clean the concrete surface thoroughly and determine whether or not to further open the pores.</li> </ul>	<ul style="list-style-type: none"> <li>• Don't apply liquid cure and seal type products. These will later have to be removed and may prevent Stone Essence from penetrating. Cure the concrete according to ASTM C171 (use of non-staining curing paper).</li> <li>• Don't cure concrete with different methods. Uniform curing will help to facilitate a desirable result.</li> <li>• Don't apply Stone Essence until the concrete is sufficiently cleaned and any residue is thoroughly removed.</li> </ul>
<b>Preparation of Existing Concrete</b>	<ul style="list-style-type: none"> <li>• Clean the concrete surface with <b><i>Increte Grease Away</i></b> and/or <b><i>Increte UniStrip</i></b> to remove any unseen grease, oil, dirt and other contaminants and bond breakers before staining.</li> <li>• Perform a simple water test to determine if sufficient porosity exists. Apply water to the surface. If water is quickly absorbed into the concrete, sufficient porosity exists to continue stain procedure. If water beads or does not quickly absorb, you must open the pores of the concrete.</li> <li>• Take notice of any color variation which exists while the concrete is wet with water. Manage the owner's expectation that these areas may stain darker than surrounding concrete. Some areas of the surface may result in different or unexpected outcomes.</li> </ul>	<ul style="list-style-type: none"> <li>• Don't stain the concrete if water beads, does not penetrate or penetrates only in some areas.</li> <li>• Don't apply Stone Essence to a surface which has not been thoroughly cleaned with a detergent. Don't assume that a simple pressure washing is sufficient to remove contaminants, sealers, waxes, residue or bond breakers.</li> <li>• Don't allow cleaning solutions and detergents to dry on the surface. Cleaning agents and methods may leave a residue which must be removed prior to staining.</li> </ul>

**Stone Essence Application Procedures (continued)**

	<b>Do's</b>	<b>Don'ts</b>
<b>Preparation of Increte Thin Crete &amp; Micro Crete</b>	<ul style="list-style-type: none"> <li>• Allow Increte overlays (Thin Crete/Micro Crete) to cure 24-48 hours before applying Stain Crete.</li> <li>• Clean Thin Crete with Increte Grease Away to remove any Liquid Release residue prior to staining.</li> </ul>	<ul style="list-style-type: none"> <li>• Don't apply Stone Essence to Increte overlays which have cured less than 24 hours.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Use suitable protective equipment and follow all recommended application procedures and appropriate safety requirements.</li> <li>• Mask all surrounding areas including adjacent concrete, drywall, framing and landscaping.</li> <li>• Use only high quality pump sprayers with a <b>misting or fog tip</b> when applying Stone Essence.</li> <li>• Apply multiple light coats to bring the color up to the desired result. 3-4 light coats may be necessary. Allow to dry between coats.</li> <li>• If possible, begin spraying off the concrete and bring the spray cone onto the concrete in a circular motion. Maintain a circular motion to avoid noticeable lap lines.</li> <li>• Maintain a wet edge and apply at a uniform rate throughout the job.</li> <li>• A second color may be sprayed in conjunction with the first.</li> </ul>	<ul style="list-style-type: none"> <li>• Don't apply Stone Essence when temperatures are outside the range of 50-90 degrees F or if temperatures are expected to drop below that range.</li> <li>• Don't allow Stone Essence to freeze at any time. Don't use Stone Essence which has been frozen.</li> <li>• Don't use rollers, brushes, squeegees or mops to apply Stone Essence unless that specific result is desired.</li> <li>• Don't puddle the stain on the concrete and allow to dry.</li> <li>• Don't walk over Stone Essence after it has been applied and is still wet. Footprints will likely be visible in the final result.</li> <li>• Don't use a fan tip on the pump sprayer. More liquid is dispensed from the top and bottom of the fan and will result in an uneven application rate. Cone tips are preferred for consistency.</li> </ul>
<b>Sealing</b>	<ul style="list-style-type: none"> <li>• Allow the concrete to completely dry before sealing (minimum of 24 hours).</li> <li>• Protect the floor from contamination by dust, dirt, grease, oils, unnecessary foot traffic, etc during the time that it is drying.</li> <li>• On exterior applications, seal the stained concrete with <b>Increte Clear Seal, Clear Seal 400 Wet Look, Clear Seal 100 Wet Look, Crystal Clear VOC or Clear Seal WB</b>. Sealer choice will be determined by both the desired sheen and acceptable VOC levels in your local area. Periodic reapplication of acrylic sealers will be necessary in higher traffic areas and areas exposed to UV light.</li> <li>• When applying an acrylic sealer such as those above, be sure to apply two very thin coats allowing for adequate drying time between coats. Acrylic sealers should be applied at a rate of 150-200sf/gallon.</li> <li>• For interior applications, <b>Increte High Performance Epoxy, Urethane or WB Urethane</b> are recommended for superior scratch and chemical resistance. Typically, one application of the above coatings will be sufficient to protect the surface from moisture and stains.</li> <li>• <b>Increte High Performance Epoxy</b> should be applied at a rate of 120-160sf/gallon (10-15 mils). <b>Increte Urethane and WB Urethane</b> should be applied at a rate of 300sf/gallon (6 mils).</li> <li>• <b>Increte High Gloss or Increte Low Gloss Wax</b> should be applied when the <b>High Performance Epoxy, Urethane or WB Urethane</b> have fully cured. Waxes should be applied with a lambs wool or microfiber cloth applicator at a rate of 1,500-2,000sf/gallon and allowed to dry. Buffing is not necessary.</li> </ul>	

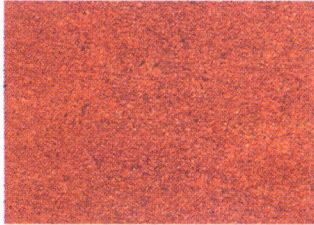


# STONE *Essence*

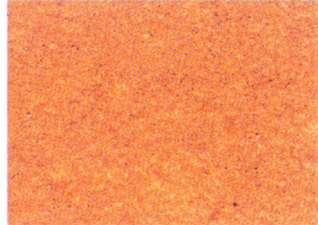
## CONCENTRATED TRANSPARENT STAIN

1 quart of concentrate produces 1 gallon of stain with an average coverage of 150-200 Sq. Ft.

NOTE: Colors represented are reproductions and may vary from actual colors



**Red Rock**



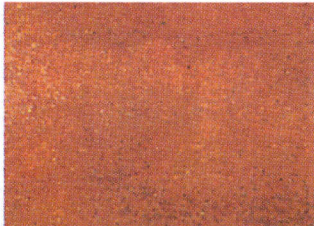
**Spanish Tile**



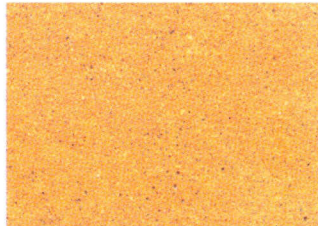
**Terra Cotta**



**Fired Brick**



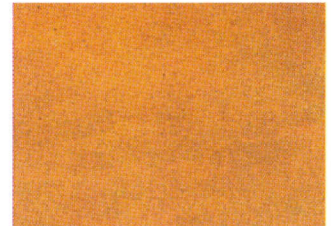
**Rust Brown**



**Spanish Gold**



**Mission Tan**



**Bronze**



**Walnut**



**Wet Sand**



**Timber**



**Faded Fern**



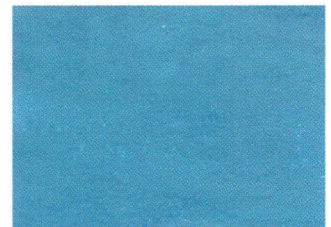
**Dense Foliage**



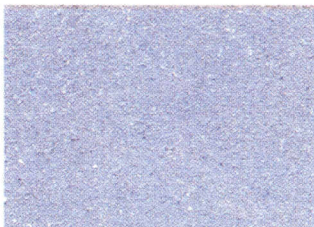
**Weathered Copper**



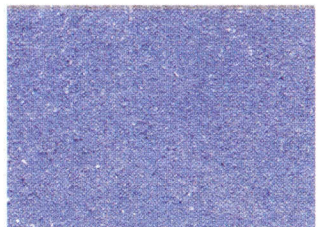
**Lime Green**



**Turquoise**



**Storm Gray**



**Deep Water**



**Rich Earth**



**Black**

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1611 Gunn Hwy.  
Odessa, FL 33556  
813.886.8811  
800.752.4626  
www.increte.com

Local Distributor:

 *Con-Spec Industries Ltd.*

9525 - 63 Avenue  
Edmonton, Alberta T6E 0G2  
Ph (780) 437-6136 Fax (780) 437-5242