

## CONCRETE STAINS

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# INCRETE VIBRA-STAIN SB

## ACETONE-SOLUBLE DYE FOR CONCRETE



**EUCLID** CHEMICAL

### PACKAGING

8 oz (236 mL) bottle for a 1 gal (3.78 L) dose.

### YIELD

Will vary with surface condition, porosity, application technique, dilution and desired effects. Average coverage is 250 to 400 ft<sup>2</sup>/gal (6.14 to 9.82 m<sup>2</sup>/L).

### APPEARANCE

Pigmented powder available in 20 standard colors.

### CLEAN UP

Clean tools and equipment with INCRETE SOLV-KLEEN, acetone, or other solvent before stain dries.

### SHELF LIFE

4 years in original, unopened container

### SPECIFICATIONS AND COMPLIANCES

VOC Content: <5 g/L

## BRIEF OVERVIEW

INCRETE VIBRA-STAIN SB dyes are manufactured from blends of concentrated powdered-metallic dyes and are formulated for dilution with acetone. INCRETE VIBRA-STAIN SB is designed for use on concrete that will be polished with liquid hardeners such as EUCOSIL, DIAMOND HARD and other Euclid Chemical branded liquid densifier/hardeners. Available in 20 standard colors with custom colors upon request.

## PRODUCT CHARACTERISTICS

### ADVANTAGES

- Adds vibrant color to concrete
- Not acid-based
- Easy application
- Easily blended to create custom colors.
- Great for polished concrete.

### PHYSICAL PROPERTIES

- Solvent-soluble powdered dye

### COMMON USES

- Interior
- Horizontal, vertical, overhead
- Polished concrete
- May be sealed

### COMMON APPLICATION METHODS

- Sprayer
- Brush
- Sponge
- Roller

## DIRECTIONS FOR USE

### PREPARATION

Protect all adjacent surfaces that will not be dyed. Use masking materials that will not be affected by the acetone. Apply a test patch of INCRETE VIBRA-STAIN SB to verify color and reaction with slab.

### EXISTING CONCRETE

Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. Remove any loose material and any coatings such as paint, curing agents, and sealers. INCRETE UNI-STRIPP is perfect for removing old coatings. Clean surface with an all-purpose concrete cleaner/degreaser made specifically for concrete. Mechanically abrade the surface to achieve a surface profile equal to CSP 1-2 in accordance with ICRI Guideline 310.2. Properly clean profiled area.

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## DIRECTIONS FOR USE CONT.

### NEW CONCRETE

New concrete must be cured at least 14 days prior to application of INCRETE VIBRA-STAIN SB. Follow instructions for Existing Concrete

### MIXING

Add entire contents of bottle to 1 gal (3.8 L) of acetone and stir until completely dissolved. It is recommended to let the mix sit for at least 1 hour prior to application to guarantee complete dilution. Only apply using sprayers that are rated for use with acetone.

Surface may be mechanically abraded prior to application to improve penetration and to produce darker, richer colors. Each surface must be dry, dust-free, prepared and tested, It is recommended to apply a small amount of INCRETE VIBRA-STAIN SB on an inconspicuous area to visually test for color and absorption. Mix as directed and apply with acetone-resistant sprayer. Allow surface to dry and if desired, recoat for a deeper, richer color. Once dry, stained surfaces may be sealed to protect the surface and bring out the full effect of the stain. The following clear sealers may be used on INCRETE VIBRA-STAIN SB: INCRETE CLEAR SEAL WATER-BASED, INCRETE URETHANE WATER BASED or INCRETE HIGH PERFORMANCE EPOXY.

### GENERAL POLISHING

Tooling recommendations and specific steps are dependent upon many variables, such as concrete condition, equipment, and desired look. Please consult tooling manufacturer for their recommendations. The following procedure is a generic guideline, and field testing is needed before the project begins.

**Step 1:** Using the coarsest grind first, begin to prepare the surface. Grind with successively finer grits, using metal-bonded diamond tooling.

**Step 2:** After grinding with 100-400 metal-bonded-grit, clean the floor with clean water and rinse.

**Step 3:** Mix 1 bottle of INCRETE VIBRA-STAIN SB with 1 gal (3.8 L) of acetone, and allow to dissolve completely. Apply stain evenly with an acetone-resistant pump sprayer or other recommended method. The dilution rate may be adjusted to achieve the desired results, or multiple coats may be applied if needed.

**Step 4:** Apply the densifier at a rate of approximately 250 ft<sup>2</sup>/gal (6.14 m<sup>2</sup>/L), using a microfiber pad. Remove excess material from slab when the densifier begins to thicken.

**Step 5:** Polish with 400 to 600 resin-bonded-grit diamond tooling.

**Step 6:** Re-evaluate color, and re-apply INCRETE VIBRA-STAIN SB if desired being certain that there is no residual dye on the surface before polishing. Residual dye can bond to polishing media and cause streaking or marring on the surface.

**Step 7:** Continue polishing with increasingly finer, resin-bonded-grit diamond tooling until desired finish is achieved.

**Step 8 (Optional):** To apply a final coat of densifier, thoroughly clean the surface to remove any slurry, dust, and other surface debris. Apply densifier at a rate of approximately 700 ft<sup>2</sup>/gal (17.18 m<sup>2</sup>/L) using a microfiber pad. Allow to dry.

**Step 9:** Apply Euclid Chemical's ULTRAGUARD. Buff the entire floor with one pass of a diamond-impregnated buffing pad using a high-speed propane burnisher.

**APPLICATION ON INCRETE THIN-CRETE, INCRETE LEVEL TOP STAIN OR EUCLID CHEMICAL'S EUCO RE-COVER**—Overlays must be allowed to dry completely (see overlay instructions for curing time) prior to application of INCRETE VIBRA-STAIN SB. Surface may be mechanically abraded prior to application to improve penetration and to produce darker, richer colors. Each surface must be dry, dust-free, prepared and tested, It is recommended to apply a small amount of INCRETE VIBRA-STAIN SB on an inconspicuous area to visually test for color and absorption. Mix as directed and apply with acetone-resistant sprayer. Allow surface to dry and if desired, recoat for a deeper, richer color. Once dry, stained surfaces may be sealed to protect the surface and bring out the full effect of the stain. The following clear sealers may be used on INCRETE VIBRA-STAIN SB: INCRETE CLEAR SEAL WATER-BASED, INCRETE URETHANE WATER BASED or INCRETE HIGH PERFORMANCE EPOXY.

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## PRECAUTIONS/LIMITATIONS

- INCRETE VIBRA-STAIN SB is for interior use only. Use only with adequate ventilation.
- Once dye is mixed with acetone, mixture will be highly flammable.
- Do not apply in areas where they will be exposed to direct sunlight. Fading may result from UV exposure.
- Excessive moisture in the slab may cause fading. An MVT rate of <math><5 \text{ lb}/1000 \text{ ft}^2</math> (<math>2.26 \text{ kg}/92.90 \text{ m}^2</math>) in 24 hours is recommended.
- INCRETE VIBRA-STAIN SB is translucent and will not cover defects or blemishes in concrete.
- Variations in concrete will affect how the surface accepts stain. Always perform a test spot prior to application to be sure the desired effect is possible.
- For professional use only
- In all cases, consult the Safety Data Sheet before use.

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