

CS Identifier Technical Data Sheet

PRODUCT DESCRIPTION:

CS IDENTIFIER™ is used for identifying concrete and mortar structures containing CS IDENTIFIER™ and also acts as an indicator to warn when corrosion activity other than biogenic corrosion is present. The product also aids in curing and sealing cement-based structures. CS IDENTIFIER™ is an antimicrobial that is added to protect the surface against bacteria that causes microbiologically induced corrosion (MIC) and fungi, which cause deterioration of concrete.

CS IDENTIFIER™ is green colored and will begin to fade if exposed to corrosive elements.

CS IDENTIFIER™ is applied as a protective seal coat, identifier, and indicator. CS IDENTIFIER™ may be used as a cure and seal on concrete surfaces per ASTM C-309: C-1315.

LIMITATIONS:

CS IDENTIFIER™ should not be used on surfaces that will receive cementitious or epoxy coatings.

FEATURES:

- Strict Manufacturing Quality Assurance
- Ease of Use
- Forms Uniform Film on Concrete Surface
- V.O.C. Compliant

STANDARDS:

- ASTM C-1315
- ASTM C-309
- AASHTO M-148

COMPOSITION AND MATERIALS:

CS IDENTIFIER™ contains a specially selected acrylic resin that resists yellowing. The acrylic resin is suspended in a special solvent carrier and includes CS IDENTIFIER™ anti-bacterial additive.

COLORS:

CS IDENTIFIER™ is a green colored solution that will not yellow in normal sanitary sewer environments.

TECHNICAL DATA:

CS IDENTIFIER™ is a green colored identifier/indicator solution that when applied, will provide a glossy finish. CS IDENTIFIER™ will not yellow upon exposure to the sun.

CS IDENTIFIER™ has been tested as a membrane curing compound and the following results were obtained.

| ASTM Standard | Typical Properties | Data |
|---------------|---------------------------|-------------------------|
| C 156 | Water Retention | 0.042 g/cm ² |
| C 309: C 1315 | Dry to Touch (min) | 40 min. |
| C 309: C 1315 | Sprayable at 40° F | Sprayable |
| C 309: C 1315 | Percent Moisture Retained | 96.3% |

EQUIPMENT:

CS IDENTIFIER™ is designed for ease of use and sprayability. Application can be achieved using either hand or power operated pressure spray equipment with fan-type nozzle attachments. CS IDENTIFIER™ may also be applied by brush or roller. Its viscosity is similar to latex paint.

PREPARATORY WORK: (New Concrete) CS IDENTIFIER™ ID should be applied to green concrete as soon as the water sheen has disappeared from the surface and the concrete can be walked upon. For vertical surfaces, CS IDENTIFIER™ should be applied as soon as the forms have been stripped and the surface has been rubbed and release agents have been removed.

COVERAGE:

One gallon of CS IDENTIFIER™ will cover from 200 sq. ft. to 600 sq. ft. (19-56 sq. m), depending upon the surface texture and specification requirements at a thickness of 1-5 mils.

AVAILABILITY:

CS IDENTIFIER™ is available in 1-gallon containers, 5-gallon pails and 55-gallon drums.

MAINTENANCE:

CS IDENTIFIER™ permits easy maintenance of CS IDENTIFIER™ treated concrete, while providing a surface coating that cannot be stripped away with standard industrial and commercial cleaning compounds and pressure washing (<1,000 psi at six (6) inches). The coating may be reapplied if fading of color occurs. Life expectancy in moderately abrasive conditions, when used for sealing and dust proofing a surface, may be limited.

STORAGE AND HANDLING:

CS IDENTIFIER™ should be stored indoors and, when left in its original unopened package will maintain its designed performance characteristics for 12 months. Store well before applying.

CAUTION... Avoid hazards by following all precautions found in the Material Safety Data Sheet (MSDS), product labels and Technical Data Sheet. Please read all information prior to using the product.

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