

### PRODUCT DESCRIPTION

TecTop EF is a nominal 1/16 in./1.5 mm thick resurfacing system with a decorative, stain-resistant surface. The color flake layer provides unlimited color options and is sealed with an epoxy sealer to form a seamless overlayment. It is comprised of:

#### **TecTop Undercoat**

A two-component, high solids, epoxy bonding coat. A colored coat that accepts the flakes.

#### **Stontec Flakes**

Brightly colored flakes.

#### **Stonkote CE4**

A two-component, high-performance, UV-resistant, high-solids, clear epoxy sealer

### PACKAGING

TecTop EF is packaged in units for easy handling. Each unit consists of:

#### **TecTop Undercoat**

0.5 carton of Stonkote GS4 containing:  
4 foil bags of amine  
4 poly bags of resin

#### **Stontec Flakes**

0.9 individual boxes of small (1/16 in.) colored flakes  
or  
0.7 individual boxes of large (1/4 in.) colored flakes

#### **Stonkote CE4**

1 carton containing:  
6 foil bags of amine  
6 poly bags of resin

### COVERAGE

Each unit of TecTop EF will cover approximately 200 sq. ft./18.6 sq. m of surface at a nominal 1/16 in. /1.5 mm thickness.

### STORAGE CONDITIONS

Store all components of TecTop EF between 60 to 85°F/16 to 30°C in a dry area. Avoid excessive heat and do not freeze. The shelf life of TecTop EF is 3 years in its original unopened container.

### COLOR

TecTop EF is available in twelve standard colors in small (1/16 in.) or large (1/4 in.) sized flakes. Refer to the Stontec Color Sheet. Custom colors are available upon request.

Note: Micro (1/32 in.) flakes are available upon special request.

### SUBSTRATE

TecTop EF is designed as a resurfacing layer for an existing floor system or to be combined with one of Stonhard's mortar systems. It is not designed to be installed directly on a concrete substrate. Typically, this system will be installed over and existing epoxy or urethane base floor system. For questions regarding an appropriate substrate, contact Stonhard's Technical Service Department.

### SUBSTRATE PREPARATION

Proper preparation is critical to ensure an adequate bond and system performance. The existing system must be dry and properly prepared utilizing mechanical methods. Questions regarding substrate preparation should be directed to your local Stonhard representative or Technical Service.

### PRIMING

The use of a primer prior to the application of the TecTop system is typically not required. However, if the existing system is very porous, priming with HT Primer will minimize undercoat soak in and result in a better application. The HT Primer must be allowed to cure prior to overlaying with the TecTop Undercoat. Questions regarding priming prior to the application of the TecTop should be directed to Stonhard's Technical Service Department.

### PHYSICAL CHARACTERISTICS

Impact Resistance .....	>160 in./lbs. (ASTM D-4226)
Abrasion Resistance .....	0.03 gm max. weight loss (ASTM D-4060, CS-17)
Cure Rate .....	12 hours for foot traffic (@ 77°F/25°C)      24 hours for normal operations
Flammability .....	Class 1 (ASTM E-648)
VOC Content .....	TecTop U/C - 5 g/l (ASTM D-2369, Method E)      Stonkote CE4 - 34 g/l

Note: The above physical properties were measured in accordance with the referenced standards. Samples of the actual floor system, including binder and filler, were used as test specimens. All sample preparation and testing is conducted in a laboratory environment, values obtained on field applied materials may vary and certain test methods can only be conducted on lab made test coupons.

## MIXING

- Proper mixing is critical for the products to exhibit the proper application properties, cure properties and ultimate physical properties.
- Mechanical mixing is required for all components.
- See TecTop EF Directions for further details.

## APPLYING

- DO NOT attempt to install material if the temperatures of the TecTop EF components are not within 60 to 85°F/16 to 30°C. The cure time and application properties of the material are affected by temperature and severely affected by humidity levels.
- The undercoat is mixed, applied to the floor, and broadcasted to refusal with Stontec flakes. The undercoat is allowed to cure and excess flake is removed.
- Stonkote CE4 is mixed, applied to the floor and allowed to cure. The floor is lightly sanded and vacuumed.
- A second Stonkote CE4 is applied to the floor and allowed to cure.

## PRECAUTIONS

- Use these materials only in strict accordance with manufacturer's recommends safety procedure. Dispose of waste materials in accordance with government regulations.
- Avoid contact with all liquids as they may cause skin and / eye irritation.
- The selection of proper protective clothing and equipment will significantly reduce the risk of injury. Body covering apparel, safety goggles or safety glasses and impermeable gloves are required.
- If eye contact occurs, flush eyes with clean water for 15 minutes and seek medical attention. Wash skin with soap and water.
- During prep-work of floor substrate or mixing of Stonhard product while adding aggregate N-95 NIOSH approved dust masks must be worn.
- Use only with adequate ventilation
- Refer to the TecTop EF Directions for further detail.

## NOTES

- Procedures for maintenance of the flooring system during operations are described in the Stonkleen Floor Cleaning Procedures Brochure.
- Specific information regarding chemical resistance is available in the Stontec Chemical Resistance Guide.
- Safety Data Sheets for TecTop EF are available online at [www.stonhard.com](http://www.stonhard.com) under Products or upon request.
- A staff of technical service engineers is available to assist with installation or to answer questions related to Stonhard flooring products.
- Requests for technical service or literature can be made through local sales representatives and offices, or corporate offices located worldwide.
- The appearance of all floor, wall, and lining systems will change over time due to normal wear, abrasion, traffic, and cleaning. Generally, high-gloss coatings are subject to a reduction in gloss, while matte-finish coatings can increase in gloss level under normal operating conditions.
- Surface texture of resinous flooring surfaces can change over time as a result of wear and surface contaminants. Surfaces should be cleaned regularly, and deep cleaned periodically, to ensure no contaminant buildup occurs. Surfaces should be periodically inspected to ensure they are performing as expected and may require traction-enhancing maintenance to ensure they continue to meet expectations for the particular area and conditions of use.

### IMPORTANT:

Stonhard believes the information contained here to be true and accurate as of the date of publication. Stonhard makes no warranty, expressed or implied, based on this literature and assumes no responsibility for consequential or incidental damages in the use of the systems described, including any warranty of merchantability or fitness. Information contained here is for evaluation only. We further reserve the right to modify and change products or literature at any time and without prior notice.

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