

# DEX-O-TEX

## Product Description Sheet



Advanced Floor  
and Waterproof  
Systems since  
1938

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

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Crossfield  
Products Corp.

California  
3000 E. Harcourt St.  
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128 Industrial Dr.  
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New Jersey  
140 Valley Rd.  
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## Tek-Crete SL-CF

Urethane Concrete with Decorative Colored Flake Broadcast  
Typical Thickness 3/16" – 1/4"

### DESCRIPTION

Tek-Crete SL-CF is a blended two-component urethane resin and curing agent that is mixed with a pre-engineered special aggregate and finished with a decorative broadcast of PVC color flakes into the resinous grout or into wet base polyurethane mortar followed by a lock-coat topcoat to enhance the appearance of an industrial floor.

### WHERE TO USE

Typically used in industrial and institutional service environments including Pharmaceutical, Bio-Tec, Health Care, Food Processing, Beverage, Aerospace, Bathrooms, Hallways, Electronics, and Kitchens.

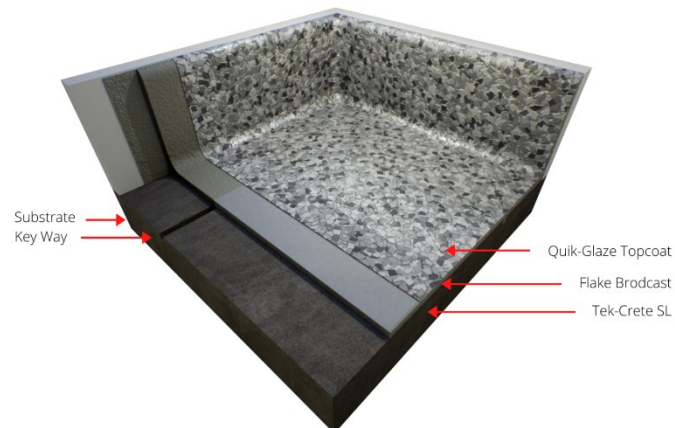
### ADVANTAGES

- Functional decorative floor
- High durability and impact resistant
- Moisture tolerant
- Excellent chemical resistance
- Easy to clean oil, grease, and other contaminants
- Environmentally friendly, low odor during installation and cure
- Rapid cure and quick return to service
- Slip resistant
- LEED Credit points may be available
- Anti-Microbial properties to fight bacteria, fungi, mold and mildew growth
- CDPH 1350 Approved

### FINISH OPTIONS

Color: See Dex-O-Tex Flake Color Chart at [www.dexotex.com](http://www.dexotex.com)

|                             | Product             | Thickness    |
|-----------------------------|---------------------|--------------|
| <b>Skim Coat (optional)</b> | Tek-Crete Skim Coat | 15 mils      |
| <b>Basecoat</b>             | Tek-Crete SL        | 3/16" – 1/4" |
| <b>Broadcast</b>            | Flake               | Varies       |
| <b>Topcoat</b>              | Quik-Glaze          | 12 Mils      |



*Factory Trained Dex-O-Tex Applicators Only*



| PHYSICALS                               | METHOD                             | RESULTS                     |
|---|------------------------------------|-----------------------------|
| VOC in g/L                              | 40 CFR 60, Appendix A-7, method 24 | 0 g/L                       |
| Compressive Strength                    | ASTM C579                          | 6,100 psi                   |
| Tensile Strength                        | ASTM C307                          | 1,000 psi                   |
| Flexural                                | ASTM C580                          | 2,000 psi                   |
| Hardness                                | ASTM D2240                         | 85-90                       |
| Thermal Coefficient of Linear Expansion | ASTM C531                          | $1.4 \times 10^{-5}$        |
| Density                                 | ASTM C905                          | 130 lbs./ft <sup>3</sup>    |
| Water Absorption                        | Mil-D-3134                         | 0.64%                       |
| Flammability                            | ASTM E648                          | >1.07 watts/cm <sup>2</sup> |
| Adhesion                                | ASTM D4541                         | 100% concrete failure       |
| Microbial Resistance                    | ASTM G21                           | Passes                      |

The above physical properties were measured in accordance with the referenced standards. Results may vary based upon statistical variations on mixing methods and equipment, application methods, environment, and actual site conditions and curing conditions. All sample preparation and testing are conducted in a laboratory environment and actual performance on job site may vary from these values based on actual site conditions.

### CARE AND MAINTENANCE

See care and maintenance form available at [www.dexotex.com](http://www.dexotex.com)

### CHEMICAL RESISTANCE

See chemical resistance chart at [www.dexotex.com](http://www.dexotex.com)

### SURFACE PREPERATION

- CSP 2-3 per ICRI Guideline No. 310.2R-1997
- Prepare in accordance with SSPC SP-13, Surface to be free of dirt, dust, grease, oil, paint and any other contaminants
- Inspect substrate to verify proper preparation before applying any materials
- New concrete, porous concrete or concrete with elevated moisture content can emit excess moisture off gassing, which can cause pinhole and other defect in the coating during curing. Testing and mitigation should be done to detect this condition before application of the product

### LIMITATIONS

- Not recommended for use over flexible substrates, including plywood, wood, flexible diamond plate, flexible wall panels, etc.
- Tek-Crete SLCF is not designed for high heat applications.
- Withstands moisture levels up to 22 lbs./1000 sq ft/24 hours and up to 99% RH.
- Can be applied to green concrete in 3-5 days once the surface can be mechanically prepped to a CSP of 2-3 per ICRI recommendations.
- Tek-Crete SLCF may vary from the color charts, sample or mockup in texture, profile and final appearance.
- Sloping, smoothing or leveling compounds, crack repair or isolation, waterproof membranes or other supplementary items may be required for proper installation at an additional cost. Consult with Crossfield Products Corp. for specific recommendations.

### WARRANTY

All sales are subject to the Crossfield Terms and Conditions effective on the date the purchase order is received. The Terms and Conditions are incorporated herein in full by this reference. The Terms and Conditions are set forth at ([www.dexotex.com](http://www.dexotex.com)) and will also be sent by mail or fax to the purchaser upon request. By placing an order, the Buyer acknowledges that it has read and agrees to the provisions of the Terms and Conditions.

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