

DEX-O-TEX

Product Description Sheet



Advanced Floor
and Waterproof
Systems since
1938

www.dexotex.com

Crossfield
Products Corp.

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128 Industrial Dr.
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Tek-Crete SLB

Urethane Concrete with Sand Broadcast
Typical Thickness 3/16" – 1/4"

DESCRIPTION

Tek-Crete SLB 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 aggregate into the resinous grout or into wet base polyurethane mortar followed by a polyaspartic topcoat.

WHERE TO USE

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

ADVANTAGES

- Durable, withstands Heavy and Abusive Service.
- Excellent Chemical Resistance.
- Environmentally Friendly, Low Odor during Installation and Cure.
- Rapid Cure and Quick Return to Service.
- Slip Resistant.
- Easily Maintained.
- LEED Credit points may be available
- Moisture tolerant
- Anti-Microbial properties to fight bacteria, fungi, mold and mildew growth.
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FINISH OPTIONS

Color: See Dex-O-Tex Standard Urethane color chart, [click here](#), or at www.dexotex.com

Finish: Monolithic

PHYSICALS	METHOD	RESULTS
VOC in g/L	40 CFR 60, Appendix A-7, method 24	99 g/ L
Compressive Strength	ASTM C579	6,000 psi
Tensile Strength	ASTM C307	1,000 psi
Flexural	ASTM C580	2,000 psi
Hardness	ASTM D2240, Shore D	85-90
Thermal Coefficient of Linear Expansion	ASTM C531	1.4×10^{-5}
Density	ASTM C905 Lbs/ft ³	130 lbs/ft ³
Water Absorption	Mil-D-3134	0.64%
Flammability	ASTM E648	>1.07 watts/cm ²
Adhesion	ASTM D4541	>400 psi
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.

Installed by Factory Trained Dex-O-Tex Applicators Only

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CARE AND MAINTENANCE

See care and maintenance form, [click here](#), or available at www.dexotex.com

CHEMICAL RESISTANCE

See chemical resistance chart, [click here](#), or available at www.dexotex.com

LIMITATIONS

- Tek-Crete SLB is recommended when extreme high temperature resistance or for certain chemical resistance is required when these exceed the physical properties of the Quik-Glaze topcoat.
- Not recommended for use over flexible substrates, including plywood, wood, flexible diamond plate, flexible wall panels, etc.
- 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.

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