

DEX-O-TEX

Product Description Sheet



Advanced Floor
and Waterproof
Systems since
1938

www.dexotex.com

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Crossfield Products Corp.

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128 Industrial Dr.
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(210) 888-0449

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140 Valley Rd.
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Acousti-Fill

Flooring Underlayment
Typical Thickness 1/2" – 2"

DESCRIPTION

Dex-O-Tex Acousti-Fill is a lightweight, latex composition, trowel-applied underlayment. Dex-O-Tex Acousti-Fill contains a sound, absorptive aggregates, which markedly reduces **Impact Isolation Class (IIC)** and **improve the Sound Transmission Classification (STC)**. Acousti-Fill is also use to create slope or level surfaces.

WHERE TO USE

- As an underlayment over floors to reduce sound transmission and impact noise
- As an underlayment used beneath promenade deck systems where sound transmission is of concern (apartments, condominiums, etc.).
- An underlayment for mechanical equipment rooms and many other areas where sound transmission reduction through floors is desired.

ADVANTAGES

- Reduces **Impact Isolation Class (IIC)** and improves Sound Transmission Class (STC)
- Monolithic
- Light weight
- Quick installation over wide range of new and existing surfaces
- Green Technology
- No toxic odors during installation

PHYSICALS	METHOD	RESULTS
Compressive Strength	ASTM C109	250 psi
Adhesion	MIL-PRF-3135 Para 4.5.5	125 psi
Density	Weight per cu. Ft.	60 lbs.
Weight	Lb. per sq. ft at 1" thickness	5 lbs.
Yield		13 ft ² at 1" thickness
Surface Hardness	ASTM D2240, Shore Hardness	Shore Hardness A 75 Shore Hardness D 20
Impact Noise Radiation (INR)	ASTM E492	INR 0
Sound Transmission Class (STC)	At 1" thickness ASTM E413-04 At 1/2" thickness over 6" concrete	STC 51 STC 49

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

LIMITATIONS

- Under extreme environmental installation conditions Acosti-Fill may develop minor shrinkage cracks upon drying. These will have no effect upon material performance.
- Not recommended for areas intended for heavy rolling loads or vehicular traffic.
- Moisture vapor emission rates (MVER) in excess of 6.0 lbs/1000 SF/per 24 hr period per ASTM F1869, or an RH in excess of 78% per ASTM F2170 may result in delamination, diminished physical properties or improper curing without proper treatment prior to installation of the flooring or decking system. Consult with Crossfield Products Corp. for specific recommendations.
- Vapor control primers, 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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