



Marine Decking Product Description Sheet

Dex-O-Tex Vibra-Coustic SVD-TTU

Dex-O-Tex Vibra-Coustic SVD-TTU is a multi-layered composite decking underlayment system specifically designed to attenuate airborne noise transfer between compartments, reduce impact induced sound and provide vibration dampening of structural components. International regulations and standards mandate the requirement to mitigate noise and vibration in occupied accommodation spaces. The Dex-O-Tex Vibra-Coustic SVD-TTU systems integrates a primer, viscoelastic membrane and a light weight trowel applied deck underlayment which significantly reduce the airborne noise transfer and dampens the structural vibration by defusing the kinetic energy wave transfer that propagates the sound and attenuates the vibration to reduce the noise transference. The system is intended for uses under all types of deck covering materials. Vibra-Coustic SVD-TTU can be applied directly to clean metal or steel, steel coated with pre-construction primer (PCP), Navy Formula 150 Primer, or commercially available epoxy primers without the need to install mechanical anchoring devices welded to the surface. It offers the advantage of providing isolation from movement, corrosion, sound and vibrations while providing a smoothing and leveling compound to fair uneven surfaces or provide slope for drainage.

THICKNESS

Minimum 14 mm – 50.8 mm
(Were Less Thickness Needed Use Vibra-Coustic SVD-SLU)

SPECIFICATION REFERENCE

U.S. Coast Guard Approval (IMO) 164.106/50/0
U.S. Dept. of
Defense.....MARAD Spec. No. 59MA 6a
Type I, Class 2

TYPE USES

Vibra-Coustic SVD-TTU is used in any application that requires sound or vibration dampening and provide an underlayment for subsequent application of any or deck covering products.

ADVANTAGES

- Sound and Vibration Dampening
- Very Lightweight

- Fast curing for short installation times
- Waterproof Membrane/Corrosion Proof
- Fire retardant
- Crack/Movement Isolation

TECHNICAL DATA

Weight5lbs/sq. ft. @ 1 inch
(24.4 kg/m² @ 25mm)

Indentation

Resistance 2,000 psi @
@ 48 hrs < 2.5%
@ 96 hrs < 1%

Impact Resistance.....<0.047 inches
(2 lb steel ball @ 8 ft)

Moisture Absorption..... < 1%

Fire Rating

IMO FTP Part 2 and Part 6..... Passes

Adhesive Strength, Shear>800 psi
(241.39 kg/cm²)

Corrosive Effect, Steel..... None

Corrosive Effect, Aluminum None

Shock Resistance

2000lbs Reverse Impact No Chipping,
Cracking, Delamination Signs of Deterioration

Asbestos Content.....Complies
MIL-PRF-3135, 3.5.1.1

Hazardous Metal ContentComplies
MIL-PRF-3135, 3.5.1.2

Hazardous Air Pollutants.....Complies
MIL-PRF-3135, 3.5.1.3

VOC Content.....100% Solids (0 g/L)

Flash Point.....< 251°F

Sound Dampening (ISTC)..... > 45dB

Vibration Dampening..... > 22dB @ 60Hz
ASTM E2249



LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN CROSSFIELD PRODUCTS CORP. INVOICES ARE MET.

Crossfield Products Corp. warrants to the purchaser of its products that such products are free from manufacturing defect. Crossfield does not warrant or guarantee the workmanship performed by any person or firm installing its products. Crossfield's obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Crossfield sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Crossfield's examination shall disclose to Crossfield's satisfaction to be thus defective.

In no event shall Crossfield Products Corp. be liable for any incidental or consequential damages. This warranty is expressly given in lieu of all other warranties expressed or implied, including the warranties of merchantability and fitness for use and all other obligations or liabilities on Crossfield's part, and we neither assume nor authorize any person or persons to assume for us any other liability in connection with sale of a Crossfield Products. This warranty shall not apply to any of Crossfield's products, which have been subject to adulteration, alteration abuse or misuse. Crossfield Products Corp. makes no warranty whatsoever in respect to accessories, parts or material not supplies by Crossfield Products Corp., which are used in connection with its products. The term "Original Purchaser" in this warranty means that person, corporation or entity to whom Crossfield Products Corp. sold its products. Any action to enforce any warranty or for breach of contract or arising out of any claim against Crossfield Products Corp. shall be commenced and maintained only in a court of competent jurisdiction in the continental United States of America. The purchaser accepts these terms and conditions and hereby expressly waives any claim to additional damages.

CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



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