

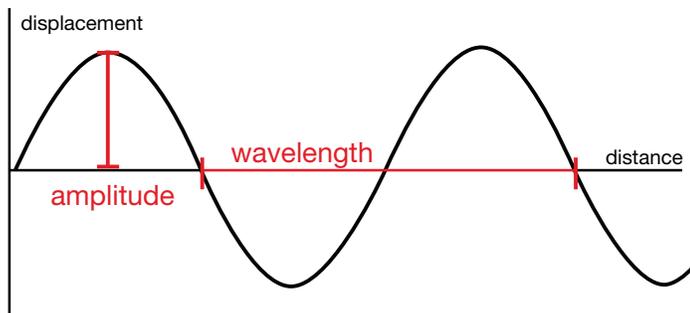
SPECIALTY APPLICATIONS



SOUND & VIBRATION

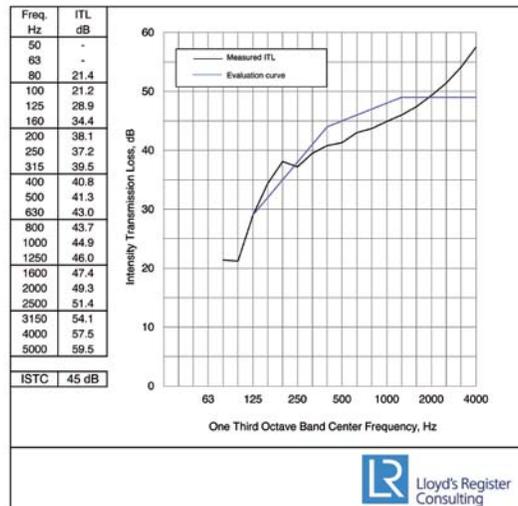
International regulations and standards mandate the requirement to mitigate noise and vibration in occupied spaces. Dex-O-Tex Vibra-Coustic SVD systems significantly reduces the airborne noise and dampens the structural vibration by defusing the kinetic energy wave transfer that propagates the noise and attenuates the vibration to reduce the noise transference.

Undesirable noise is transmitted through the structure of the vessel. Noise and vibrations generated from the engine, propeller, and other mechanical equipment creates vibration that transmit as structure-borne noise into the air or is induced from the large flat areas of the deck. These products are specifically designed to reduce airborne noise (STC Sound Transmission Class) and sound vibration (IIC Impact Insulation Class) as well as reduce structural vibration.



Acoustic Control Through Diffusion

Laboratory Measurements of Airborne Transmission Loss of Building Partitions and Elements Using Sound Intensity		
Client	Crossfield Products Corporation 3000 East Harcourt St. Rancho Dominguez, CA, 90221 - 5504, USA Contact: Ronald Wade Borum, Executive Vice President	Ref. : 13.410171 Meas. : 2013/Dec/21 Init : RLC
Source room		Vol. : 61.5 m ³
Receiving room		Vol. : 204 m ³
Object	Vibra-Coustic SVD TTU System 1 Acoustifill Flooring Underlayment, 25.9 mm 2 Elasta-Vistic SVD Marine Membrane, 3.17 mm 3 Steel plate 6 mm reinforced with longitudinal bulb profiles (BULB HP 1206) 600 mm apart from each other	S. : 2.9 m ²
Standards :	ASTM E2249 - 02 (2008) and ASTM E413 - 10	
Equipment :	B&K 2270 Sound level meter, B&K 3654 Intensity probe - spacer 12 mm B&K 4297 Sound intensity calibrator	



Typical Sound Dampening Performance

Note: Actual Performance is dependent on the Specific Design and application

VIBRA-COUSTIC SVD

Vibra-Coustic SVD - a viscoelastic vibration damping/underlayment system that is applied to deck surfaces to provide acoustical damping and provide a surface ready to receive the finished deck covering.

It is available in two versions.

Vibra-Coustic SVD SLU - a viscoelastic membrane and self-leveling type underlayment.

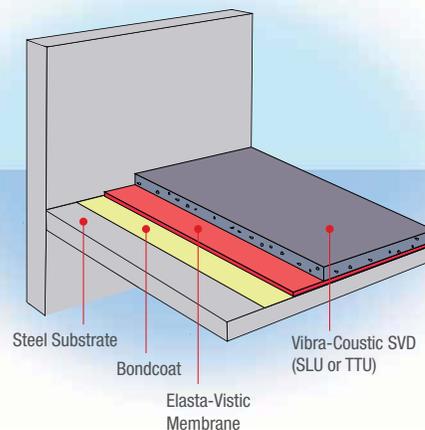
Vibra-Coustic SVD TTU - a viscoelastic membrane and troweled type underlayment system.

Performance Tested to ASTM E2249

Performance Tested to ASTM E413

IMO Resolution Number: Pending

Vibra-Coustic SVD meets IMO requirements and complies with the requirements of ISO 6954

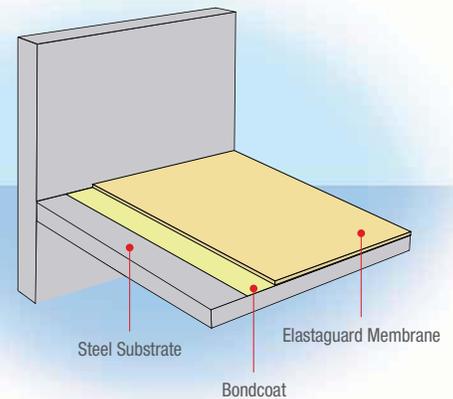


Dex-O-Tex offers a wide range of specialty marine deck coverings from sound and vibration dampening deck underlayment systems, fire protection fill materials, flexible visco-elastic waterproof coatings, to heavy duty non-skid surfacing. Dex-O-Tex products are scientifically superior and performance proven under the toughest marine environments.

ELASTAGUARD MEMBRANE

Elastaguard is a flexible urethane/polymeric corrosion containment membrane applied to a thickness of approximately 5/64" (80 mils). Provides a durable protection layer to properly prepared and primed metallic substrates to provide exception corrosion protection properties. Resilient, sound dampening, lightweight and compatible with most deck covering materials and commercial flooring finishes. Fluid applied to form a jointless surface providing an impermeable elastomeric membrane that protects against corrosion and isolates subsequent applications of underlayments, deck covering or floor finishes from movement. Rapid application turn-around times.

APPROVALS: ANSI 118.10



ELASTATEX 500

Elastatex 500 is a fluid applied elastomeric surfacing designed primarily for use as a waterproof exterior deck covering. The material consists of a unique moisture-cured resin binder into which rubber aggregate is combined at time of application to form a tough, elastic waterproof membrane. A topcoat, available in a range of colors, is then applied. Exceptional adhesion and resistance to cracking and superior waterproofing properties. Provides lasting protection from rust and corrosion to the metal deck surfaces to which it is applied. Durable in constantly wet environments. Resilient and comfortable underfoot. Reduces sound transmission.

ELASTA-VISTIC SVDM

Elasta-Vistic SVDM is a viscoelastic membrane material that offers the ultimate protection against corrosion while providing efficient sound and vibration dampening in demanding marine environments. Elasta-Vistic SVDM offers superior adhesion in an amorphous film that provides a microbial resistant waterproof coating over all metal substrates.

Elasta-Vistic SVDM is applied to metal substrates and covered with any appropriate underlayment or deck covering system. Its high tensile strength and elastomeric qualities enable Elasta-Vistic to dissipate vibration and sound wave energy and provide a dimensional stable surface for subsequent application of stationary decking materials.

