

Vibra-Coustic SVD - TTU

Sound and Vibration Dampening

DESCRIPTION

Dexotex Vibra-Coustic Sound Vibration Dampening- Trowel Application (TTU) is 100% solids elastomeric resin-based material mixed with a proprietary of rubberized matrix, forming a trowel applied, self-smoothing decking membrane that provides sound and vibration dampening properties. This combined with the application of **Acousti-Fill Underlayment** provides the user with a trowel applied (dry packed) noise and vibration dampening system.

Theoretical Coverage Rates (Membrane Portion of System)

0.04 inches	1.06 mm	40 mils
229 Square Feet Per Kit		
0.125 inches	3.175 mm	125 mils
73 Square Feet Per Kit		

Theoretical Coverage Rates (Acousti-Fill Portion of System)

1/4 inches	6.35 mm	250 mils
33 Square Feet Per Kit		
1/2 inches	12.7 mm	500 mils
14 Square Feet Per Kit		
1 inch	25.4 mm	1000 mils
6 Square Feet Per Kit		

Membrane Kit and Packaging sizes (1 kit = Resin + Hardener +Aggregate)

Item Number	Description	Components	Weight
0685-5GPA	Elasta-Vistic Resin (Comp.A)	5 Gal.	26.5 lbs. / 12.02 KG
0686-1GCB	Elasta-Vistic Hardener (Comp.B)	4 Quarts	6.4 lbs. / 2.9 KG
0684	Elasta-Vistic Membrane Powder	16lb Bag	16 lbs. / 7.25 KG

Acousti-Fill Kit and Packaging sizes

(1 kit = 1 Gallon of G-26 Paste and 1 Bag of Acousti-Fill Aggregate)

Item Number	Description	Weight
0880	G-26 Paste	45 Lbs / 20.41 KG
1150	Acousti-Fill Aggregate	35 Lbs / 15.87 KG

Installation Guideline for Vibra-Cooustic SVD-TTU System

**** Due to the high viscosity of Elasta-Vistic Resin****

****It is important that the applicator pre-mix the resin before combining it with the hardener****

**** It Should be noted that Acousti-Fill Underlayment is a DRY Pack Underlayment system****

Vibra-Cooustic (SVD-TTU) Application Over Substrate

Step1: Pour contents of **TM Bond Coat** onto working surface and spread using a notched squeegee or epoxy roller. *Sound Vibration Dampening Membrane can also be applied directly over marine grade epoxy primer.*

Step2: Pre-Mix and combine contents of **Comp. A** resin with **Comp. B** hardener. Mix both resins combined for 5min or until they become a singular mixture. Once **Comp. A** and **Comp. B** are completely mixed; add Membrane powder and continue to mix until the **3 components are fully integrated**. Pour mixed resin and aggregate onto working surface and spread using a notched hand trowel or notched squeegee. *If out-gassing occurs back roll with an epoxy spiked roller*

Step3: While “tacky” to the touch proceed to apply Acousti-Fill Underlayment. It can also be applied to a fully cured system. (consult your local rep. for in depth explanation)

Step4: Combine 1 and ½ Gallons of G-26 Paste with 1 Bag of G-26 Powder to form a liquid bonding coat. Using a masonry brush; brush onto “tacky” or cured SVD Membrane.

Step5: Blend together 1 Gallon of G-26 liquid and 1 (35 lb bag) of Acousti-Fill Aggregate. For best mixing results it is advised to use a double auger mixing drill.

Step6: Pour out mixed Acousti-Fill aggregate and trowel into place. Allow to fully cure before applying additional systems.

Surface Preparation

Metal deck surfaces should be cleaned free of rust, loose scale, and dirt in accordance with SSPC SP11/NACE No 6. Grease and oil should be removed with approved solvents and clean rags in accordance with SSPC SP-1. The resulting surface should be clean and bright and protected against corrosion before Dex-O-Tex materials are applied. SVDM may be applied to a cured Navy Formula 150 Primer, MIL-DTL-24441, MIL-PRF23636 or to Dex-O-Tex TM Bond Coat and Underlayment Systems. Consult your local Dex-O-Tex Marine Rep. when wood or other deck surfaces are involved.

Job Site Survey

Measure and record ambient temperature and humidity, surface temperature and the temperature of the material being used. Do not proceed with the application if the conditions are outside the recommended parameters. Inspect materials to be used. Verify material is the proper material and all components and sizes are correct. Inspect all containers and verify a proper factory seal with no signs of damage or leakage. Premix Liquid materials into a smooth homogenous blend before uses.

Material Disclosure

Materials should be delivered in original packages and containers with seals unbroken and bearing manufacturer's labels containing brand name and directions for storage and mixing with other components. Check materials immediately upon receipt, verify all the correct materials in the correct packaging are accounted for in good condition. Sort the materials and store them in a tempered storage area.

Environmental Conditions for Application

All materials are mixed, applied and cured at the job site. Multiple environmental conditions are required to facilitate proper curing and performance of the products. Ensure conditions are in accordance with the following requirements.

Substrate Temp	Min. 65°F	Max. 80°F
Max Relative humidity	Min. <90%	Max. 90%
Ambient Air Temp	Min. 45°F	Max. 95°F

Dry to Re-Coat or Use	14Hrs at 65°F	10Hrs at 75°F	08Hrs at 85°F
Max Re-Coat	48Hrs at 65°F	44Hrs at 75°F	40Hrs at 85°F
Cure to Full Service	52Hrs at 65°F	48Hrs at 75°F	44Hrs at 85°F

Applicator Notes

For proper workability it is important the Dex-O-Tex materials be stored and mixed at a temperature between 65°F-80°F. A warm substrate will decrease the pot life and make the materials sticky. A cooler substrate will lengthen the cure time and may cause a blush of the polymeric resins. Decking surfaces and room temperature of 65°F or slightly higher must be maintained for the duration of the Cure to Full Service time. When mixing the polymeric resin components, be sure to use all the provided resins. The resins are premeasured to the correct ratios. Scrape all the hardener from the container into the resin. Do not turn mixing vessels upside down to drain on the flooring surface. Unmixed resin from the side may produce soft or uncured spots on the flooring surface. Keep the unfinished flooring surface clean. Do not track dirt, grease, or any other contaminants onto the unfinished decking surface. Any contaminate could negatively affect the aesthetics of the finished flooring. Good ventilation must be provided during application, particularly in confined spaces. Always obtain, read and observe manufacturers Safety Data Sheets (SDS) before handling polymeric materials.

Warranty Information

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