



**Vibracoustic SVD - SLU**

Sound Mitigation Membrane with Cementitious Topcoat  
USCG-164.106/50/0

**DESCRIPTION**

Dexotex Vibra-Cooustic Sound Vibration Dampening- Slurry Application ( SLU ) 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 **DEX-SCREED** in *slurry form* provides the user with a virtually trowel-less applied self-leveling noise and vibration dampening system.

**Theoretical Coverage Rates (Membrane)**

**Recommended application thickness - USCG Cert. 164.106/50/0**

<b>0.125 inch</b>	<b>3.18 mm</b>	<b>125 mils</b>
70 Square Feet Per Kit		

**Theoretical Coverage Rates (Dexscreed Slurry)**

**Recommended application thickness - USCG Cert. 164.106/50/0**

<b>0.875 inch</b>	<b>22.2 mm</b>	<b>875 mils</b>
10 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

**DEX-SCREED Kit and Packaging sizes (1 kit = Powder + 1 Gal. Potable Water)**

Item Number	Description	Weight
1180	DEX-SCREED Underlayment	49 LBS / 22.22 KG

**Installation Guideline for Membrane Layer**

**\*\* 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\*\***

**Sound Vibration Dampening Membrane (SVDM) 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:** If mesh or plates are being added to membrane, add while membrane is still soft / tacky. If not allow to cure for full cure period before applying Dexscreed. **(See below Max Re-Coat table)**

**Installation Guideline for DEXSCREED Layer**

**Step1:** Pour contents of TM Bond Coat onto working surface and spread using a notched squeegee or epoxy roller.

**Step2:** Mix 1 Bag of DEX-SCREED Underlayment with 1 Gallon of Water. Mix until a slurry blend forms.

**Step3:** Pour the slurry blend onto the desired working surface, spread using a standard masonry trowel. Pot life tends to be around 20-25 min with normal working conditions.

**Step4:** After material is fully cured, it is advised to sand smooth and apply an additional bond coat. Before adding topcoat.

**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.

<b>Substrate Temp</b>	Min. 50°F	Max. 80°F
<b>Max Relative humidity</b>	Min. <90%	Max. 85%
<b>Ambient Air Temp</b>	Min. 50°F	Max.95°F

<b>Dry to Re-Coat or Use</b>	12Hrs at 65°F	10Hrs at 75°F	08Hrs at 85°F
<b>Max Re-Coat</b>	48Hrs at 65°F	44Hrs at 75°F	40Hrs at 85°F
<b>Cure to Full Service</b>	56Hrs 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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### **Notes:**