



VB-1X

Liquid Vibration Damping Compound

Tools Required for Installation:

- Paintbrush or roller
- Air compressor (optional)
- SG-1 Spray Gun (optional)

Tools Required for Surface Preparation

- Warm, soapy water
- Clean hand towels
- Aerosol glass cleaner

Important Install Tips

VB1X is always applied first! Thermal control compounds such as TG-1 ThermaGuard are installed after VB1X has completely dried.

Before Application of VB1X

- 1) Smooth plastic panels should be scuffed with 80 grit sandpaper (No PTE) prior to the application of the VB1X product. Please ensure that all metal surfaces are painted prior to application.
- 2) Please make sure that the surface to be treated is as clean as possible.
- 3) Wash the surface with warm, soapy water to remove any dirt and debris and then dry with a clean towel.
- 4) CAE recommends cleaning the surface for a final time with an ammonia based, aerosol glass cleaner to remove any remaining wax, oil or grease from the surface to be treated.

Application of VB1X

- 1) Make sure that all wire harnesses, linkages and anything you do not want treated is properly covered.
- 2) VB1X may be applied with either a paintbrush, roller or the SG-1 spray gun. If the SG-1 spray gun is being used, be sure to set the pressure to 80-100 psi for the best results. If the pressure is too high, the material will atomize causing less product to make it onto the surface. TEST FIRST! Do not thin the VB1X material prior to application.
- 3) To reduce drying time, apply VB1X in layers 1/16" thick. Ultimately the finished film thickness should be no thicker than the substrate being treated. In most cases a .5/1 ratio of VB1X to substrate thickness will yield good damping performance. As the VB1X product dries, the color will shift from purple to black.
- 4) Do not top coat with paint or clean coat until the material has thoroughly dried. A top coat will seal the material allowing it to become waterproof.
- 5) Clean up can be achieved with warm water however once the material has dried, some sanding may be required.
- 6) Make sure the VB1X container is sealed and any application tools have been cleaned thoroughly and stored properly in a dust free environment.

Contact Information:

Cascade Audio Engineering
64894 Old Bend Redmond Hwy
Bend, Oregon 97701
Phone / 541-389-6821
Fax / 541-389-5273
Email / sales@cascadeaudio.com
Web / www.cascadeaudio.com

