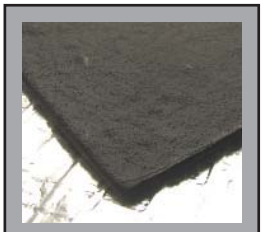
Technical Data Sheet
Modified 10/2012

VB-1X

Liquid Vibration Damping Compound



vibration damping

VB-1X is a smooth, air curing, sprayable vibration damping compound that has been engineered to convert vibration energy into low level heat through viscous friction. It will effectively damp vibration in a variety of substrates over a wide frequency range (10Hz - 40KHz). The unique combination of silica-mica, ceramics and an advanced chemical binder greatly reduces structural resonance and vibration. **VB-1X** bonds well to sheetmetal, wood, plastic and fiberglass surfaces and may be applied with Cascade Audio Engineering's SG-1 spray gun as well as airless systems.

Applications:

- ☐ Automotive and commercial vehicle body panels
- ☐ Marine: Hull and Bulkhead
- ☐ Commercial / residential HVAC ducting and metal plenums
- ☐ Chute and hopper systems
- ☐ Metal and wood wall and roof panels
- ☐ Coat interior surfaces of loudspeaker enclosures
- ☐ Air compressor and machine tool housings

Benefits:

- ☐ Excellent acoustic properties
- ☐ High resistance to abrasion
- ☐ Good sag resistance, no dripping
- ☐ Solvent free
- ☐ Paintable
- ☐ Easy to apply and clean up

Material Specifications:

Container VB-1X (1G):	1 US Gallon
Container VB-1X (5G):	5 US Gallons
Container VB-1X (55 G):	55 US Gallons
Effective Temperature Range:	32°F - 175°F
Color (wet / dry):	purple / black
Specific Gravity:	1.54
Viscosity (Brookfield RV, spindle #5 @ 10RPM):	9,000 CPS
Weight:	12.9 lbs. per gallon
Non-volatile content by weight:	75%
Non-volatile content by volume:	62%
V.O.C. (EPA Method #24, minus water, calculated):	0 lbs. per gallon
Coverage:	30 ft² per gallon
Cured Appearance:	Black, stipple finish
Shelf Life:	Suggested use within 1 year

Contact Information:

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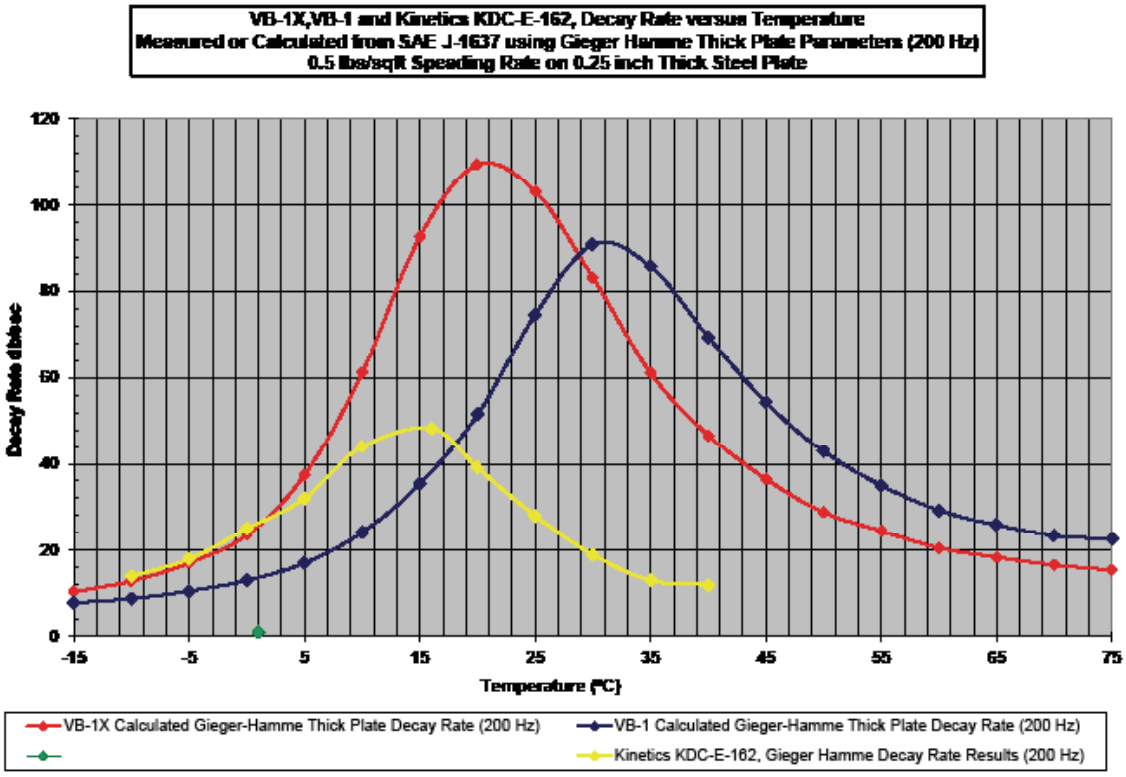
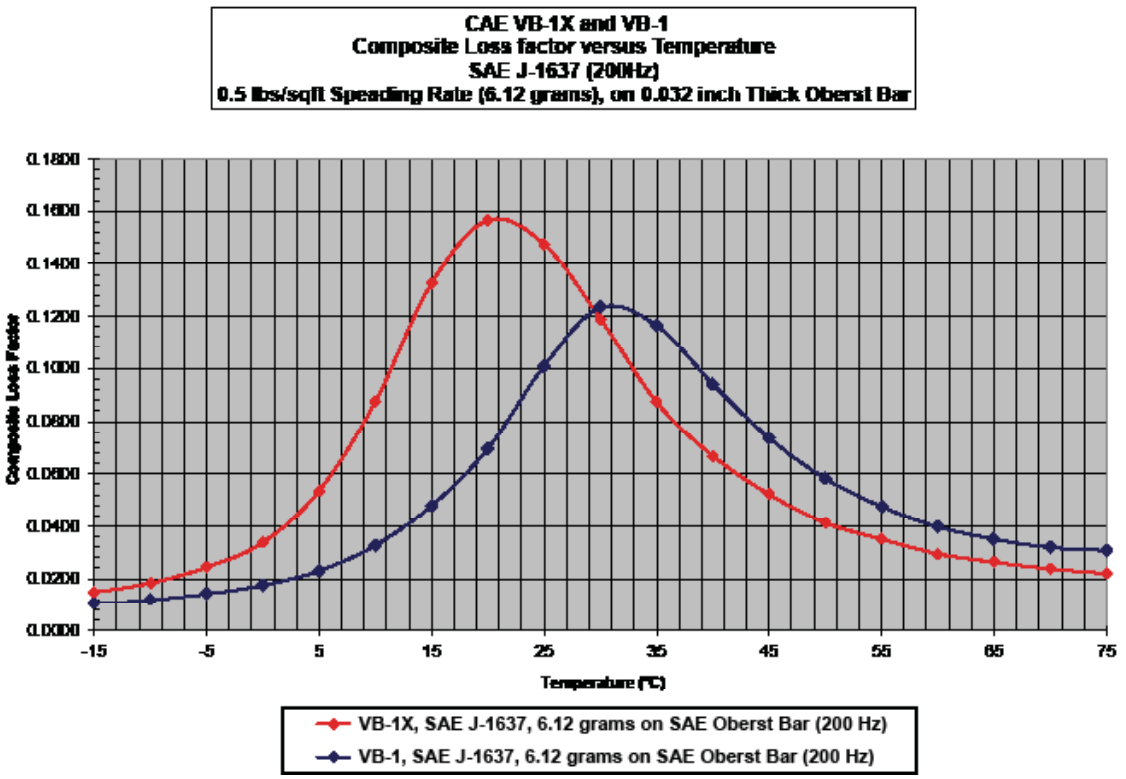
VB-1X

Liquid Vibration Damping Compound
Test Data





vibration damping