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**Singer Safety
Company**

V-DAMP® 3771G Sound Deadener

PRODUCT INFORMATION

V-DAMP® 3771G is a viscoelastic, sprayable liquid sound damper. It has been found to be highly effective in reducing vibrational resonance conditions in structures such as stainless steel sinks and other plumbing fixtures, sheet metal panels, floor housings, and a multitude of other applications. V-DAMP® 3771G dissipates structure-borne vibrational energy and reduces radiated air-borne noise.

Waterbased and non-toxic, V-DAMP® 3771G offers an efficient and effective alternative to solvent-based sprayable damping products, as well as sheet applied damping materials. V-DAMP® 3771G can be sprayed or brushed directly from the drum without thinning. After application, V-DAMP® 3771G cleans up with water.

A typical setup to spray V-DAMP® 3771G consists of a 30:1 airless pump, a reverse-a-clean airless gun with a tip size of 0.021", a ram and a surge tank.

V-DAMP® 3771G exhibits exceptional adhesion to a variety of materials when properly applied, and air-dries within 24 hours at room temperature. The drying time can be accelerated through oven drying using moderate temperatures.

KEY ATTRIBUTES OF V-DAMP® 3771G

- Sound Deadening Properties – OBERST BAR (SAE J-1637) METHOD - Composite Loss Factor of 0.070 @ 270 Hz, 77 °F. Steel thickness 32 mils (0.8 mm). Coating thickness 32 mils (0.8 mm).
- Cold adhesion – when V-DAMP® 3771G is applied to a 10" x 10" x .035" panel of primed cold rolled steel at the rate of 0.5 lbs./sq. ft. (dry weight), shows no loss of adhesion when subjected to two 25" lb. impacts from a two inch diameter, 1 ¼ lb., steel ball at -20°F.

APPLICATION

Surface must be clean and free of oil and foreign matter. Adhesion is very good on stainless steel, bonderized steel, primed steel, wash-primed galvanized sheet metal, and wash-primed aluminum. Airless spray mastic type equipment is recommended for application.

Airless Spray - 0.021" to 0.037" spray tip, ½" i.d. material hose, a Graco Bulldog® Pump 30:1 ratio or higher.

DRYING

20 mils wet film at room temperature dries hard in 2-3 hours.

32 mils wet film at room temperature dries hard in 4-6 hours.

Where faster drying time is required, use forced ventilation, heat or infrared light.

THINNING

Product is ready for use as received. If conditions should require thinning, use water sparingly.

CLEAN-UP

After use, equipment may be flushed with water.

PHYSICAL PROPERTIES (TYPICAL)

Color		Light Gray
Viscosity	Brookfield RV, #7 @20	55,000 cps
Solids by Weight		60%
Solids by Volume		41%
Weight/Gallon		12.1
Flash Point		None
VOC (EPA Method #24)	0 lbs./gal. (water-based coating)	
Non-Bleeding		Non-Asphaltic
Odor After Drying		None
Chemical Resistance	Resistant to dilute acids, alkali, grease, gasoline, and aliphatic oils.	
Latex Emulsion		Protect From Freezing

Note: V-DAMP[®] 3771G is not intended for direct outdoor weathering. The outdoor weathering resistance of V-DAMP[®] 3771G can be improved by painting with a latex exterior paint.

CONSULT MSDS BEFORE USE.

12/13/07:kp

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