



Silent Running Coating™ (SR 500)

Current Inc.

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SR 500 - Sprayable Noise Damping Coating

SR 500 is a sprayable, highly efficient, visco-elastic sound and vibration damping material for noise reduction in metal and fiberglass.

Description:

SR 500 is a water-based, non-toxic damping compound with a very high loss factor. The product has excellent adhesion to most materials and it is virtually waterproof after curing.

Uses:

SR 500 should be used to reduce noise and vibration in sheet metal, plastics and fiberglass.

Examples:

- 1) Can be used as a replacement for conventional damping materials such as heavy mats.
- 2) Can be used to lower the weight of a certain design while increasing the loss factor.

Application of the Product:

The surface must be dry and free from grease, dirt or rust. Lightly sand for better adhesion. The drying time at room temperature is approximately 30 minutes to 1 hour (depending on layer-thickness and relative humidity) but can be improved by the use of low heat and air movement.

The curing process consists of two (2) steps. The water will dissipate during the first hour (product becomes dry to the touch), which will be followed by the final curing of the polymer. The second curing process takes approximately 24 to 48 hours. Refer to Application Notes for coating thickness.

Technical Data:

Color	Light Grey
Odor	No odor after curing
Density	1350 kg/m ³
Solid Content	Approx. 73%
Viscosity	9,000 centipoises (avg)
Flash Point	> 200°F

IS SELF EXTINGUISHING

Meets or exceeds:

FRA ASTM E662 for smoke density, E162 for flame spread ability.

CA Building Code Section 8.1 (ASTM E84)

Clean up	Water while wet
Apply at	60°F - 110°F
Coverage	30 sq ft/gal @ 0.040"
	2.7 sq m/3.79 l @ 1 mm
Storage Temp	Do not freeze
Shelf Life	One year