



Silent Running Coating™ (SR 600)

Current Composites Coatings

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Sprayable Anti-Moisture and Noise Damping Liquid Coating

SR 600 is a sprayable, highly efficient, visco-elastic anti-moisture, sound and vibration damping material for moisture and noise reduction in metal and fiberglass.

Description:

SR 600 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 600 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 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 heat and a great deal of 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. 2 coats are recommended.

Technical Data:

Color	Off white-call for custom
Odor	No odor after curing
Density	1350 kg/m ³
Solid Content	Approx. 73%
Viscosity	400+/-100 mPas
Flash Point	200°F (liquid)

IS SELF EXTINGUISHING

Meets or exceeds FRA ASTM E662 for smoke density and E162 for flame spreadability.

Thinner	Water
Apply at	50°F - 120°F
Layer Thickness	0.020 mils wet/coat
Coverage	40ft ² /gal @0.035 mils dry 0.9 m ² /liter @ 1 mm
Storage Temp	Do not freeze
Shelf Life	One year