



Silent Running Marine Coating™ (SR 1000)

Current Composites Coatings

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SR 1000 - Liquid Sound Dampening for Marine Use

SR 1000 is a sprayable, highly efficient, visco-elastic sound damping material for noise reduction in metal and fiberglass boats, yachts and ships.

Description:

SR 1000 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 1000 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 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. 2 coats are recommended.

Technical Data:

Color	Off white
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 Section 10 of IMO Resolution A.653(16) for flammability and IMO Resolution MSC.61(67) for toxicity.

Clean up	Water while wet
Apply at	60°F - 110°F
Layer Thickness	0.020" wet/coat
Coverage	40ft ² /gal @ 0.035" dry 0.9 m ² /liter @ 1 mm
Storage Temp	Do not freeze
Shelf Life	One year