



SILENCER MEGABOND - MARINE

FEATURES AND BENEFITS

- Excellent Sound Absorption properties (600 – 4000 Hz)
- Outstanding Adhesive provides effective performance to virtually any substrate.
- Performance over broad temperature range (-40 F up to 300 F)
- Excellent weatherability, including UV resistance
- Conforms to complex shapes
- Reduces Firewall and Tunnel Heat
- Simple to apply – Simply peel and stick!
- No application equipment investment required – no messy spray equipment
- Unaffected by moisture and chemicals – including alkalis and acids
- Easy to compress and handle

APPLICATIONS

HUSHMAT SILENCER MEGABOND is designed to eliminate higher frequency airborne noise that damping materials do not treat. Engine Noise penetrating through the engine cover, transom, floor is absorbed by **SILENCER MEGABOND**. This noise is typically above 600 Hz frequency. **SILENCER MEGABOND** is engineered to absorb this noise. You enjoy the boating experience without the noise. **SILENCER MEGABOND** in combination with HushMat Ultra provides tri layer performance blocking both structural and airborne noise.

HUSHMAT SILENCER MEGABOND:

- 1/2" Great for engine covers.
- 1/4" Great for behind doors and fiberglass panels

PRODUCT DETAILS

HUSHMAT SILENCER MEGABOND is a compressible closed cell synthetic rubber material. It consists of foam with an aggressive adhesive on one side that bonds to surface. HushMat **SILENCER MEGABOND** uses an adhesive that permanently bonds to the substrate.

SILENCER MEGABOND provides outstanding acoustic and sealing properties. **SILENCER's MEGABOND** closed cell molecular construction offers aggressive sound absorption properties over a broad frequency range and also compresses to provide exceptional sealing properties. **SILENCER MEGABOND** also provides excellent thermal insulation.

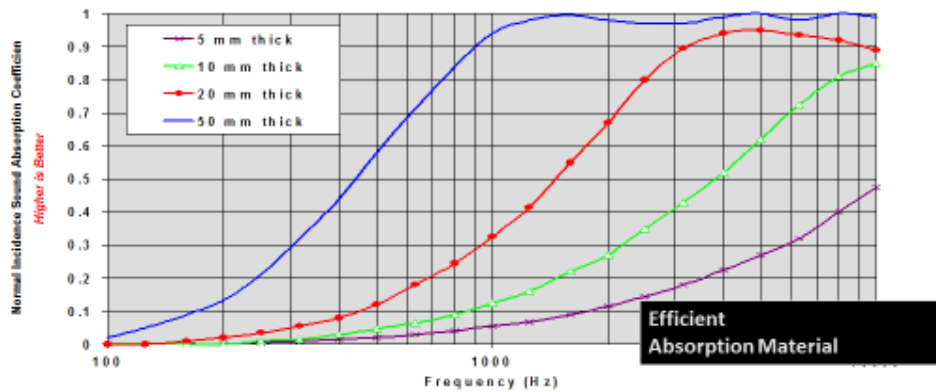
SILENCER MEGABOND is also outstanding in Home Theatre, skylights, roof panels, curtain walls, windows, boats, yachts, ventilators, HVAC equipment, pump rooms, laundry equipment, generators, machines, motors, autos, recreational vehicles, enclosures, cabinets, refrigerators, dish washers, washers and dryers, office furniture.

TYPICAL PROPERTIES

DENSITY	6.6lbs./ft.3	TEMPERATURE RANGE	300F to -40F
ELONGATION	510%	FLAMMABILITY STANDARD	FMVSS 302
TENSILE STRENGTH	14.3 lbs./in.2	THERMAL INSULATION R:VALUE	12.97
SOUND ABSORPTION at 600-4000Hz	Excellent See Below	THICKNESS RANGE	1/8 in. to 1 in.
COMPRESSION LOAD at 25%	0.3 lbs./in.2	ADHESIVE STRENGTH BUTYL	79 oz./in.
at 50%	0.7 lbs./in.2	ACRYLIC	45 oz./in.
WEATHERABILITY	Excellent	AIR PERMEABILITY	Very Low
WATER ABSORPTION at 50% COMPRESSION	1.6% or less		

SOUND ABSORPTION vs. SILENCER MEGABOND MATERIAL THICKNESS

HushMat®



Note that for acoustic materials, the thickness and substrate construction/cell structure is important for performance. The frequency where the coefficient first peaks for this material corresponds to one-quarter wavelength.