

HushMat™

SILENCER MEGABOND™

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 firewall, wind noise behind door and pillar trim panels and above the headliner, Road noise caused by tires and road surface variation that comes through the trunk and cargo space. This noise is typically above 600 Hz frequency. **SILENCER MEGABOND** is engineered to absorb this noise. You enjoy the solid feel and quiet ride of your automobile. **SILENCER MEGABOND** in combination with HushMat Ultra provides excellent thermal insulating properties.

HushMat **SILENCER MEGABOND**:

- 1/2" Great for fire wall, floor (under carpet) and trunk applications. Also breaks up back wave. Cut and place 10" x 10" square of Silencer Megabond behind speakers in doors or enclosures.
- 1/4" Great for behind door trim panel and on back of headliner
- 1/8" Great for all plastic trim to prevent rubbing "squeaking" of trim. Peel release paper and adhere to back of plastic trim.

PRODUCT DETAILS

HushMat **SILENCER MEGABOND** is a compressible closed cell EPT (ethylene-propylene terpolymer) material. It consists of EPDM (ethylene-propylene-dienemethylene) foam with an adhesive (acrylic or butyl) on one side that bonds to your substrate. HushMat **SILENCER MEGABOND** uses a butyl 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.

DENSITY	6.6lbs./ft.3	TEMPERATURE RANGE	300F to -40F
ELONGATION	510%	FLAMMABILTIY STANDARD	FMVSS 302
TENSILE STRENGTH	14.3 lbs./in 2	THERMAL CONDUCTIVITY	0.3 BTU (in.)/ft2/h/F
SOUND ABSORPTION at 600-4000Hz	Excellent	THICKNESS RANGE	1/8 in. to 1 in.
COMPRESSION LOAD at 25%	0.3 lbs./in.2	WIDTH RANGE	1/4 in. to 35 in.
at 50%	0.7 lbs./in.2	ADHESIVE STRENGTH	
WEATHERABILITY	Excellent	BUTYL	79 oz./in.
WATER ABSORPTION at 50% COMPRESSION	1.6% or less	ACRYLIC	45 oz./in.
		AIR PERMEABILITY	Very Low