DESIGN ENGINEERING, INC.

INNOVATIVE
HEAT & SOUND
CONTROL
SOLUTIONS

FAQ'S
BOOM MAT VIBRATION DAMPING MATERIAL

How does BOOM Mat Damping Material work?
BOOM Mat dampens sound as it hits body panels by absorbing the tiny vibrations they impart. It does this by adding mass to the panels which increases the rigidity of the panel. Less vibration means less noise.

How effective is BOOM Mat?
In our show demonstrations, we use a small 1" inch square piece of Boom Mat applied to a large 20" inch percussion cymbal. When the cymbal is struck it produces virtually no noise, only a short, low-pitched clank.

PSA? What is that?!
It's not a Public Service Announcement like you're thinking! It stands for Pressure Sensitive Adhesive, or "Peel n' Stick Adhesive" as some like to say.

What is the temperature range of BOOM Mat?
BOOM Mat should be installed while the ambient temperature is 60°F or greater to ensure proper adhesion. Once installed, it can maintain adhesion from -30°F to 300°F.

How much BOOM Mat do I need?
For most vehicles we recommend 50% coverage of the area with our standard 2 mm thick BOOM Mat material. For customers with larger, more powerful audio systems, we have BOOM Mat XL. At 4 mm thick, it can be used to cover more area maximizing the vibration damping effect.

How should I install BOOM Mat?
BOOM Mat install requires little prep work. As with any adhesive material, the surface must be free of any debris. Once cleaned, cut BOOM Mat into the desired shape necessary for the area of coverage; strips or squares work well. Peel off the paper backing and place in large, flat areas like the floor, doors, body, and ceiling.

What tools do I need to install BOOM Mat?
A utility knife or scissors will be required for cutting. You may also need basic hand tools to remove door panels and trim. A roller can be used to apply even pressure on all surfaces to ensure proper adhesion.

FOR ANY QUESTIONS NOT COVERED IN OUR FAQ'S, PLEASE CONTACT US DIRECTLY.
CALL 800-264-9472 OR VIA EMAIL AT TECH@DESIGNENGINEERING.COM