

# MEGA BLOCK™ HYDROPHOBIC FOAM HEAT SHIELD

## SOUND ABSORBING THERMAL BARRIER INSTALLATION INSTRUCTIONS

### INSTALLATION TOOLS

- Utility knife
- Foil tape

### PLANNING

- 1 For best results, Mega Block should be applied on top of a constraint layer damper, like Damplifier Pro or a liquid deadener like Spectrum.
- 2 Mega Block is a hydrophobic open cell foam used to absorb sound and add reduce heat transfer. We add a 1000°F heat shield to the face for extra durability and heat protection.
- 3 Mega Block is commonly installed inside an engine compartment. The extra absorption reduces sound reflections, resulting in less noise exiting the compartment. For compartments with significant curvature, we recommend substituting Heat Wave Pro due to Mega Block's thickness and rigidity.
- 4 Mega Block is excellent for heat protection. Install with 100% coverage and the foil facing the heat source to reflect radiant heat and add substantial thermal insulation.

### PREPARATION

- 1 Remove any existing insulation to expose bare sheet metal or fiberglass.
- 2 Clean up any loose debris, rust, dirt, or waxy oils. Clean the surface with denatured alcohol.

### INSTALLATION

- 1 Cut Mega Block to the desired size with a sharp utility knife.
- 2 Do not cover vents or mechanical devices.
- 3 Mega Block includes a peel and stick backing. BE CAREFUL when handling Mega Block once the paper backing has been removed as "sticky fingers" can damage the foam.
- 4 Install Mega Block on the substrate with the foil facing the heat source. Apply pressure with your fingers for several minutes to bond the material to the surface.
- 5 Tape the seams and edges with foil tape to further protect the foam.



Always install Mega Block with a 2" air gap from the heat source.

Mega Block is commonly installed in vehicle engine compartments (cars, boats, buses, RVs, sprinter vans), generator boxes, server racks, and other enclosed spaces where sound and heat are considerations.