

# mason grogan INDUSTRIAL

SPECIALIST MATERIALS FOR DESIGN ENGINEERS



# Sound insulation and thermal management

#### Technical materials for quieter and safe military vehicles and equipment.

Tailored solutions for vibration isolation & damping and acoustic blocking & absorption.



## **Cellofoam Insulation Materials**

Materials for ceiling, floor and wall Insulation of military vehicles to reduce heat loss and shield against unwanted noises from the engine, wheels and other sources. Cellofoam insulation materials offer high temperature resistance and pass stringent requirements for flame, smoke and toxicity.

### **HT200 Sound Block Silicone**

BISCO<sup>®</sup> HT-200 Sound Block silicone materials are specifically designed to reduce the transmission of sound within interior spaces while inhibiting the spread of fire and smoke. These elastomeric materials use a filler technology to solve acoustic, fire, and smoke issues for a variety of applications.

# **Outstanding sound absorption** Under environmental extremes



### BISCO® HT-200 SOUND BLOCK SILICONE

BISCO® HT-200 offers outstanding resistance to environmental extremes. Its filler technology reduces the spread of flame and toxic smoke during accidents, which are a leading cause of injuries. The material's flame retardant properties ensure compliance to international safety standards. Sound transmission can be 'tuned' by adjusting the areal density or weight of the materials.



#### CELLO® 483/D2500 WITH IMITATION LEATHER TOP LAYER

PE foam, specially developed for military vehicles. CELLO® 483/D2500 is equipped with an anti-bacterial and dirt-repellent imitation leather top layer, for noise absorption and thermal insulation applications.



#### CELLO® HR 290 HO/O OIL- AND WATER-REPELLENT

Soft grey melamine-resin foam, oil- and water-repellent, for noise absorption and thermal insulation purposes. It is often used for isolation of side walls and roof in vehicles.



CELLO<sup>®</sup> HL FIRESTOP R **FIREBLOCK** Fire-protective heavy layer made from thermoplastic polyolefins with a high content of mineral fillers and fireproofing agents.



CELLO<sup>®</sup> BMN-05 **FLOOR MAT** Weatherproof anti-skid floor mat made from thermoplastic polyolefins (TPO film) for high-traffic floors.

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