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## SOUNDOWN C.G.F.G. \_x

### NON COMBUSTIBLE ACOUSTIC INSULATION FOR COAST GUARD INSPECTED VESSELS

This composite is made of materials meeting Coast Guard materials standards 164.009 and 164.012 as may be required in larger Coast Guard inspected vessels. It is a **Lead/Fiberglass** sandwich with reinforced vapor barrier facing, using rigid fiberglass hullboard. The \_ x \_ designation gives the composite thickness, in inches, and the weight of the lead foil, in  $\text{lb}/\text{ft}^2$ , respectively. Thus C.G.F.G., 2 x 1, is a 2 inch thick composite with a  $1 \text{ lb}/\text{ft}^2$  lead foil. The composite thickness and lead weight can be tailored to the specific acoustic requirements of each application.

Installation is by mechanical supports, such as welded insulation mounting pins or by battens. Perforated aluminum sheets may be installed for protection in high traffic and abuse locations.

The standard sheet size is 2' x 3'.

The fiberglass has a density of  $3 \text{ lb}/\text{ft}^3$ .

Optional constructions with overlap edges (two or four edges overlapped) for better sealing at panel joints are available.

Thicknesses of 2, 3, and 4 inches are readily available.

Lead of 1 and  $2 \text{ lb}/\text{ft}^2$  surface density is readily available.