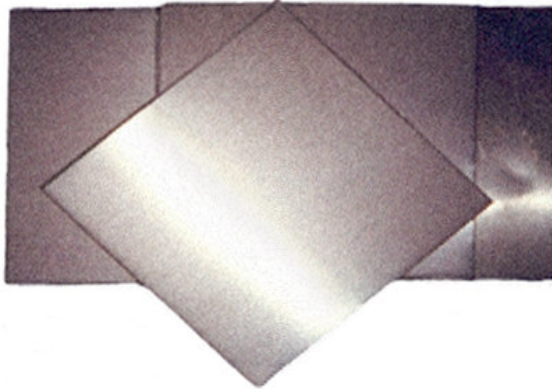
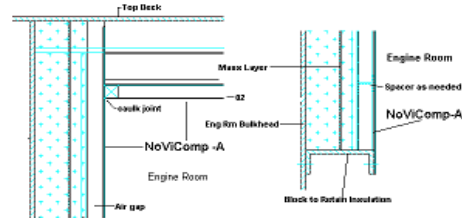


THERMAL- ACOUSTIC CONTROL MATERIALS



NoViComp - A
Damped Aluminum composite Plate
NoViComp - S
Damped Steel Composite Plate



NoViComp is a lightweight metal sandwich plate consisting of either steel or aluminum skins bonded with a visco-elastic mastic layer. **NoViComp** offers very good airborne noise insulation and structural dampening with losses up to 20 dBa over plain solid metal sheet. Also acts to reflect sound energy back into machinery spaces and away from living accommodations. **NoViComp**'s smooth surface is preferred over typical perforated plate to increase structural fire protection and improve aesthetics and cleanability.

NoViComp is used in the equipment, automotive and shipbuilding industry. Some applications as basic sheathing for sound enclosures, but **NoViComp** is mostly used as finished insulation sheathing in engine rooms of high-speed vessels.

Color: buffed bright metal or powder coated White

Odor: none Consistency: solid, sheet

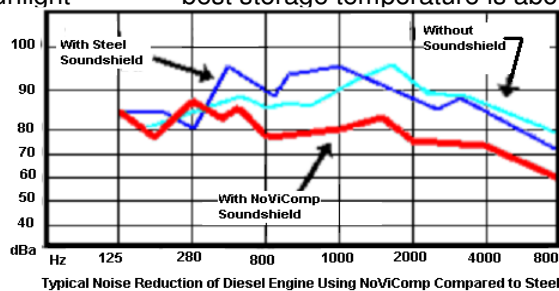
Specific weight: **NoViComp-A** - 1/1 - 5.45 kg/m²
 : **NoViComp-A** - 2/2 - 10.85 kg/m²
 : **NoViComp-S** -0.5/0.5 - 7.85 kg/m²
 : **NoViComp-S** -0.75/0.75 - 11.75 kg/m²

Packaging: available in sheet sizes of 1000 x 2000 mm

Physical and chemical properties: clean, dry sheets non-toxic, non-irritant

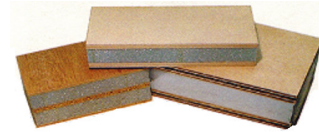
NoViComp is to be handled as regular aluminum or steel sheathing. Can be spot welded or crimp joined. Can also be cold formed using a die press, rolled or bent to form box shapes.

NoViComp core material is resistant to water, oil, fuel and diluted acids. Service temperatures from -20 °C up to 120 °C are recommended. - medium sensitivity to high humidity - sensitive to frost - do not expose to direct sunlight - best storage temperature is about 15 °C to 20 °C



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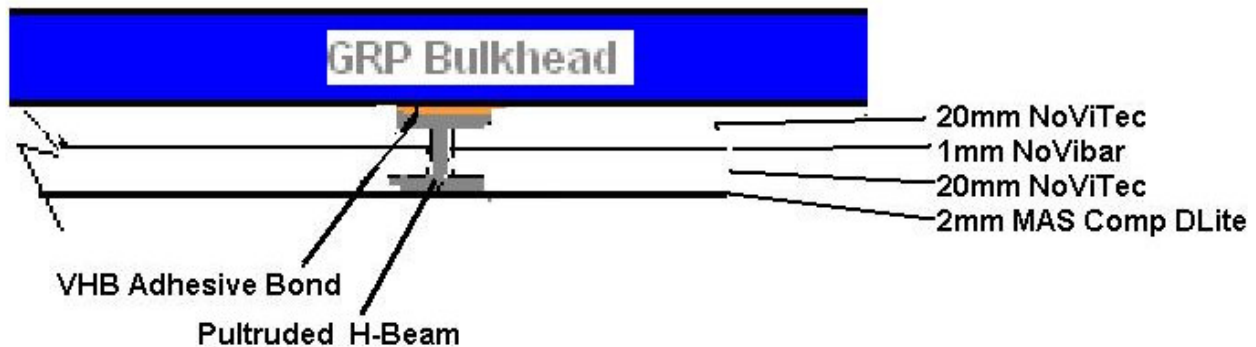
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MAStech Cassette System

The **MAStech Cassette System** is a lightweight, prefinished aluminum composite sandwich panel system used to line engine spaces and machinery enclosures. Available in nominal 4' x 8' panels typically configured at 44mm total thickness. **MAStech Type D** panels are an easily fabricated composite material stack consisting of:

- MASComp composite aluminum face (2mm)
- NoViTec flameguard absorption foam (20mm)
- NoViBar X2.2 mass layer (2mm)
- NoViTec flameguard absorption foam (20mm)



MAStech Type MM panels provide excellent low-frequency absorption in 250-750 Hz engine frequency range. **MAStech Type MM** is configured using 2mm Micro-perforated Aluminum Millennium Metal bonded to 40mm NoViTec melamine foam with a 1mm 2.2kg/m² PSA damped vinyl backer. **MAStech Type MM** is recommended to be used along hull sides and in air trunks to provide absorption in combination with **MAStech Type D** configured on bulkhead and deckheads adjoining living spaces.

Approximate weights:

MAStech Type MM

at 42mm total thickness: 1.2 #/sf (5.75 kg/m²)

MAStech Type D

at 42mm total thickness: 1 #/sf (4.8 kg/m²)



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