



MARINE SOUNDPROOFING

Marine Soundproofing Recommendations

Megasorber's range of acoustic absorption, noise barrier and vibration damping materials are ideally suited to mitigate unwanted noise in vessels of all sizes.

Recommended Treatment Areas

- | | |
|------------------------------|-------------|
| • Hull and deck head | D14 or DT2S |
| • Engine Bay / Engine Room | FM50 |
| • Engine Hatch / Engine Room | B6 |
| • Wall Cavity Infill | FM50 |

Recommended Products

Please refer to each product TDS and installation instructions for full product and application information.

FM50G-RG

50mm Lightweight Acoustic Panel (Grey) with Water Repellent Soundmesh G8 Facing (Grey)

Standard Panel size: 2.4m x 1.2m

Line engine bay / engine room with Megasorber FM50G-RG to absorb noise energy and reduce reverberation

Add FM50 to wall cavities between cabins

We recommend installation using A200 adhesive.

B6

6kg/m² thermal flexible mouldable noise barrier

Sheet size: 2.3m x 1.2m

Line engine hatch and engine room walls that adjoin saloon / staterooms or other living areas on the vessel, to reduce sound transmission.

B6 should be installed directly onto the substrate, prior to installation of the FM50 panels.

For best results, B6 should be covered with another layer of solid material – such as marine ply.



D14

Self-adhesive vibration damping sheet

Sheet size: 500mm x 260mm



DT2S

2.5mm thick self-adhesive vibration damping steel damping tile

Tile size: 270mm x 270mm

Line hull and deck head with Megasorber D14 vibration damping sheets. D14 has excellent damping performance and adhesion properties.

For substrates thicker than 5mm, use Megasorber DT2S damping tiles in place of D14 for best performance



A200CW

High tack, high temperature resistant cartridge adhesive (white)

Carton size: 12 x 290ml cartridges

Use A200CW to install Megasorber FM50 panels as required.



Performance

As each vessel has different requirements, this information should be used as a guide only.

Please contact the Megasorber team with any specific enquiries for additional information and recommendations.