

AUTOMOTIVE SOUNDPROOFING

megasorber®

Automotive Soundproofing Recommendations

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

Recommended Treatment Areas

- | | |
|--------------------------|-----------|
| • Firewall – cabin side | D14 & C14 |
| • Floor pan – cabin side | D14 & C14 |
| • Door panels | D14 |
| • Door cavity infill | FM25G-G |
| • Quarter panels | D14 |
| • Wheel arches | D14 |
| • Roof | D14 |
| • Roof cavity infill | FM25G-G |
| • Boot floor | C14 |

Recommended Products

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

FM25G-G

25mm Lightweight Acoustic Panel (Grey) with Soundmesh G8 Facing (Grey)

Standard Panel size: 2.4m x 1.2m

Line door cavities and roof cavities with Megasorber FM25G-G to absorb noise energy and reduce reverberation

We recommend installation using A200 adhesive.

D14

Self-adhesive vibration damping sheet

Sheet size: 500mm x 260mm

Line metal panels of doors, roof, quarter panels, floor pan, wheel arches and cabin side of firewall with Megasorber D14 vibration damping sheets. D14 has excellent damping performance and adhesion properties.

D14 is widely used in automotive vibration damping, metal roof rain noise reduction as well as in generator enclosures. It is a proven product for many damping applications.



C14

14mm Soundproofing Composite (12mm acoustic panel + 6kg/m² noise barrier) with Soundmesh G8 Facing (Black)

Sheet size: 1.2m x 1.2m

Line boot floor and cabin side of firewall with Megasorber C14 – a specially designed composite for engine noise reduction.

Megasorber C14 increases transmission loss and provides sound absorption hence maximising the noise reduction. This product requires contact adhesive and/or a mechanical method of fixing such as pinning or the use of metal straps.



A200CW

High tack, high temperature resistant cartridge adhesive (white)

Carton size: 12 x 290ml cartridges

Use A200CW to install Megasorber FM25 and C14 panels as required.



Performance

As each vehicle has different requirements, it is difficult to provide a specific estimate of the expected reduction in noise.

We recommend installing in stages where possible and assessing noise levels until you reach the desired operating noise levels.

Please contact the Megasorber team for any specific enquiries.