

SOUNDPROOFING WINDOWS

Window Noise Transmission Reduction

In many buildings, windows are considered the “weak point”, allowing noise transmission through an easier pathway than the thicker/denser walls. In an urban environment, this often causes disturbance from traffic or neighbours and can impact on sleep and general wellbeing of the occupant.

The best permanent fix is to double glaze or triple glaze the windows – this can be completed as a retrofit for many window styles. If this is not an option – particularly for tenants, then a moveable window panel provides an alternative solution to noise transmission through the windows.

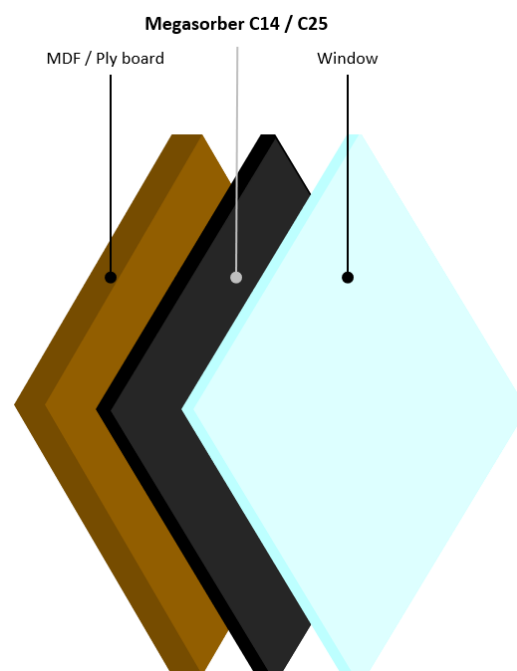
Megasorber’s range of composite noise barrier / absorption materials are ideally suited to provide a temporary / moveable solution to these noise issues.

Recommended Treatment

We recommend fixing Megasorber C25 or C14 to a sheet of Ply / MDF or similar. The noise barrier layer should be fixed to the board, with the foam and Soundmesh G8 facing the window. This will allow for some sound absorption, as well as using the noise barrier to assist with transmission reduction.

The substrate should be a snug fit into the window – cut the C25 / C14 slightly larger than the board so that it provides a good seal with no gaps.

To make moving the panel easier, add some handles to the back side of the board, so that the panel can be lifted into place as required, and then removed to allow light in during the day.



Recommended Products

C25

25mm Soundproofing Composite (25mm foam + 6kg/m² noise barrier) with Soundmesh G8 Facing

Standard sheet size: 1.2m x 1.2m



C14

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

Standard sheet size: 1.2m x 1.2m

A200CW

High tack, high temperature resistant cartridge adhesive (white)

Carton size: 12 x 290ml cartridges



Further Information

As each project 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.

