

HOW ELSE CAN I INSULATE MY HOME AGAINST NOISE?

HOUSEHOLDER HANDY HINTS GUIDE

We are often asked by people living near to the Airport, what else they can do to their property to mitigate against aircraft noise. In response to this, we have produced this leaflet that looks at some of the 'vulnerable' areas within the home and offers some suggestions for improvement. These are not things, which are covered by the Airport Sound Insulation Scheme, but things that you may wish to consider undertaking yourself.

Floors

Suspended Timber Floors

- Insulate between floor joists with fibreglass quilt insulation.
- Ensure insulation is fully supported and does not restrict ventilation or interfere with services etc.
- Exchange existing air vents for acoustic insulated air vents.

* Free air flow not to be reduced *

Carpet floor coverings will be more advantageous with respect to noise insulation as opposed to laminate, tile, cushion flooring etc.

Walls

Assess all openings in walls (windows and doors).

- Exchange all air vents for acoustic insulated air vents.
- Ensure all apertures for services that enter the building through the walls i.e. gas, water, telecommunications etc, are fully sealed both internally and externally.
- Ensure that all apertures for soil and vent pipes, waste pipes, balanced flues, services to the rear of alarm boxes etc, are fully sealed both internally and externally.

Ceilings

Ceilings shared with roof voids should be insulated with quilt fibreglass laid over ceiling joints. Care should be taken so as not to restrict any ventilation. Consideration should be given to areas/fixtures and fittings, which should not be covered, and that recommendations by the manufacturer are followed e.g. transformers to downlights etc.



Openings

Doors



Ensure all door and/or frames are fully sealed both internally and externally. Introduce proprietary sealing strips to door opening rebates.

Cat flaps in doors to be fitted with an additional acoustic flap i.e. intermediate resilient material etc.

Doors should be fitted with acoustic letterplates/boxes. Install high performance double glazed doors with proprietary framing.



Windows



Ensure all windows and window frames are fully sealed both internally and externally.

Ensure any areas enclosing a larger former opening are closed with appropriate materials prior to the installation of any new windows.

Introduce proprietary sealing strips to window opening rebates.

Introduce heavy curtains to window openings.

Fix high performance acoustic double-glazing or secondary glazing.

Miscellaneous

Chimneys



Redundant chimneystacks should be removed, capped and vented with acoustic vents.

Fire openings should be closed and vented with acoustic vents.

Products

Fibreglass quilt insulation. Rolled fibreglass/Rockwool etc, readily available at Jewson's, B & Q etc.

Acoustic letterbox 300mm (12"). Doormaster letterboxes Wagner (GB) Ltd. VBH House, Bailey Drive, Gillingham Business Park, Gillingham, ME8 0WG – 01634 263 263.

Acoustic Vents, Passivent Ltd, 2 Brookland Road, Sale, M33 3SS – 0161 962 7113

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