

## ***HUSH-PANEL Floating Flooring***

### **General**

#### ***All Hush-Panel Floating Flooring***

Ensure that the project area is level and clear of all debris.

Draw a layout plan using conventional broken bond pattern and avoid any cut panels less than 150mm. Set out in individual rooms and leave a 10-15mm gap around all wall perimeters (except for Robust Details – see below) including partitions, stanchions, pipes and fixed objects.

Lay the panels felt side down and as they are being laid use Hush-Bond Panel Adhesive to glue board to board around all teegee joints. Neatly press Hush-Seal 20 Perimeter Seal into all perimeter gaps to form an airtight seal.

Check that all vertical through floor services and fire stops are well sealed against all possible air gaps.

The finished Hush-Panel floor should float freely on its resilient layer and be totally isolated from walls, door linings, skirtings, pipes or other points of contact.

There must be no fastenings through the floating floor with the only exception being where two panels join which have only cut edges, say across a door opening. Hush-Grommet fixing isolators and screws can be used, sparingly, to hold the jointed panels down evenly and to prevent 'lipping'.

Skirting should be fitted a minimum of three millimeters clear of the floor surface. (PCT only).

### **Robust Details**

When using Hush-Panel for Robust Details projects the perimeter must be isolated with Hush-RD Flanking Strip between panel and wall. The flanking strip is turned over the surface of the Hush-Panel and the skirting is fitted neatly on top of the strip prior to trimming with a sharp blade.

### **Laying Over Joists**

#### ***Hush-Panel 28, Hush-Ply 28 & Hush-Panel 32***

Joist Centres not exceeding 450mm for Hush-Panel 28 and Hush-Ply 28 or 600mm for Hush-Panel 32.

Ensure joists are stiff laterally, using noggings or struts, if necessary. This is to replace the stiffness previously provided by the original nailed floorboards.

Staple Hush-10 Joist Strips to the joists tops. Fix at 150mm centres, ensuring staples are well recessed into the felt.

Proceed to lay Hush-Panel floating flooring as per general above.

*continued overleaf...*

***Should you have any technical questions prior to or during installation, please call 0151 933 2026 for friendly and straightforward advice.***

## Laying Over Existing Timber or Concrete Floors

### **All Hush-Panel Floating Flooring**

Ensure area is clean and level. Any dips or irregularities in the existing floor should be attended to prior to laying.

Hush-Panel 17 is an overlay panel and as with all overlays the base floor should be level.

Hush-Panel 28, 32 & Premier range are classified as structural and can therefore “bridge” minor undulations in a sub-floor.

Do not lay directly over a wet/damp screed, use an unbroken layer of dpc / moisture barrier between screed and Hush-Panel.

Ensure floor is clean and free from projections which may penetrate the resilient layer. Screw down any loose or squeaking original flooring prior to laying the Hush-Panels. Proceed to lay as per general overleaf.

## Supplementary Fitting Notes

### **Partitions**

For optimum acoustic performance and to avoid plaster cracks all partitions should be built off the structural base and not from the floating floor. Partitions must be isolated in the same manner as perimeter walls. When fitting directly over joists it may be necessary to fit a supplementary joist if the partition line does not coincide. Partition sole plates can be fitted to the structural base prior to installing the Hush-Panel flooring to allow ease of fitting. The walls can then be built up afterwards.

### **Bathrooms and Kitchens**

Bathroom fitments can be installed on to the floating floor except for baths and shower trays which should be installed directly from a solid structural base. Kitchen units can sit on a floating floor but are better fitted from a solid base. Plinth boards and bath panels must remain isolated from the floating floor.

### **Staircases**

Stairtreads can be overlaid with Hush-Panel to help prevent impact sound. The cut panel must be isolated from both the riser and strings and can be secured in place using Hush-Grommet Fixing Isolators with screws.

## Technical Advice

For advice on the specification or use of our range of Hush-Panels within any project, please contact our experienced technical team on **0151 933 2026** who will be happy to give comprehensive and practical advice to meet with your requirements.

## Approved Document E 2003

UK Building Regulations approved Document E 2003 incorporates a unit of measurement to determine low frequency airborne sound transmission. Due to proven intrinsic difficulties of measuring low frequency sound, in domestic sized rooms, it must be expected that there could be significant deviations in the accuracy of these measurements. Furthermore, there will be variations from site to site due to structural differences in buildings, general site conditions and workmanship. All these factors can influence the repeatability of both impact and airborne acoustic test results. Therefore, any test results must be considered as an indication only and no warranty can be given or implied as to the actual acoustic performance in any particular situation.

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