



**HUSH** ACOUSTICS  
Sound Insulation Products and Systems



# HUSH-PANEL FLOATING FLOORING

Installation Guide

[www.hushacoustics.co.uk](http://www.hushacoustics.co.uk)

# INSTALLATION INSTRUCTIONS



## CLEAR DEBRIS

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



## PLAN LAYOUT

Use a layout plan of conventional broken bond pattern and avoid any cut panels less than 150mm. In all rooms that the panels are to be installed, the correct perimeter details needs to be taken into account.

When using Hush Seal 20 leave a 10-15mm gap to all wall perimeters, including partitions, stanchions, pipes and fixed objects.

When using the Hush RD Flanking Strip at the perimeters, the flanking strip is placed against any wall perimeter and the panels laid up to the RD Flanking Strip to create an air tight gap.



## INSTALL PANELS

Install the floating floor panels felt side down.



## GLUE JOINTS

All tongue and groove joints need to be glued using the Hush Bond Panel Adhesive when using:

Hush Panel 17

Hush Panel 23

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# INSTALLATION INSTRUCTIONS



## GLUE JOINTS

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Hush Panel 28

Hush Panel 32

Hush Panel 33

Hush Panel 37

Hush Panel 48

Hush Panel 52

Hush Ply 28

Hush Ply 32



When installing Hush Cem Panel 28 or Hush Cem Panel 32 the tongue and groove joints are to be glued using Hush Cem Panel Adhesive.



All joints to be glued, on all sides of the panel to give the best bond. Adhesive not to be spared.



## MECHANICAL FASTENINGS

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'.



## HUSH SEAL 20 PERIMETER STRIP DETAIL

Neatly press Hush Seal 20 Perimeter Seal into all perimeter gaps to form an airtight seal.

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# INSTALLATION INSTRUCTIONS



## HUSH SEAL 20 PERIMETER STRIP DETAIL

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## PACK UP SKIRTING BOARD WHEN USING HUSH SEAL 20

Place 2-3mm thick packers along the top of the Hush Panel Floating Flooring around the perimeters where a skirting board will be installed.

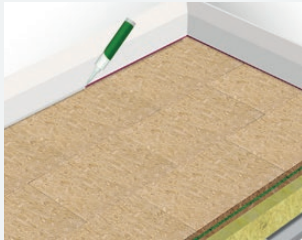


## SET SKIRTING BOARD

The skirting board sits on top of the packers keeping it raised 2mm – 3mm above the panels.



# INSTALLATION INSTRUCTIONS



## REMOVE PACKERS & SEAL

Remove packers when skirting board is fixed in place and add Hush Acoustic Sealant to the 2-3mm gap.



## WHEN USING FOR ROBUST DETAILS PROJECTS

When using Hush Panel floating flooring for Robust Detail projects the perimeters must be isolated with Hush RD Flanking Strip between panel and wall and not the Hush Seal 20 Perimeter Strip. 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.



## WHEN USING DIRECTLY OVER JOISTS

When laying Hush floating flooring directly over joists it is imperative to ensure that the joist centres are adequate for the Hush floating floor product and it is also critical to ensure that the joists are stiff laterally, using noggings or struts, if necessary. This is to replace the stiffness previously provided by the original nailed floorboards.

Hush 10 Joist Strips must be used to the top of the joists before laying Hush Panel 28, Hush Panel 32, Hush Cem Panel 28 and Hush Cem Panel 32 when being used straight to joists.

The Hush 10 Joist Strips to be stapled or adhered to the joist tops before proceeding to lay these floating floor panels. For Hush Panel 33 and Hush Panel 37, the Hush 10 Joist Strip will not be needed.

# INSTALLATION INSTRUCTIONS



## DO NOT LAY FLOATING FLOORING DIRECTLY OVER WET/DAMP CONCRETE/SCREED

Ensure that the floating floor panels are not laid over a wet/damp concrete/screed structure. If a concrete/screed floor is wet then an unbroken DPC/Moisture Barrier should be installed across the floor area before the Floating Flooring is installed. It is imperative to prevent moisture getting into the acoustic flooring.



## ENSURE THE FLOOR STRUCTURE IS FLAT AND THERE ARE NO PROJECTIONS OFF THE STRUCTURAL DECK

Ensure the floor structure 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.



## 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. Hush recommends isolating the head and sole plates of the partitions with Hush Isolation Tape.

Partitions must be isolated in the same manner as perimeter walls from the Floating Flooring. 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.



## 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.

# INSTALLATION INSTRUCTIONS



## BATHROOMS AND KITCHENS

Bathroom fittings 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.



## FLOOR FINISHING

Hush recommends that floor finish information is discussed with the Hush technical team. Some additional information on floor finishes can be found at [www.hushacoustics.co.uk/floor-finishes](http://www.hushacoustics.co.uk/floor-finishes)



## FINAL CHECKS

Check that all vertical through floor services and fire stops are well sealed against all possible air gaps. The finished Hush Panel floating floor should float freely on its resilient layer and be totally isolated from walls, door linings, skirtings, pipes or other points of contact.

## FURTHER INFORMATION

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



# HUSH ACOUSTICS

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## HUSH ACOUSTICS

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