

# HUSH PANEL 28 WITH HIGH MASS CEILING SYSTEM



## SPECIFICATION

- Overlay the 18mm chipboard deck or original floorboards with Hush Panel 28. Ensure all perimeter junctions are isolated using Hush Seal 20 and all T&G joints are glued using Hush Bond Panel Adhesive.
- Install Hush Slab 100 Sound Absorber within the joists. Ensure the Hush Slab is tightly packed between the joists and ensure there are no gaps.
- Hush Deep Resilient Bars to be fixed horizontally to the underside of the joists at 600mm centres.
- Install Hush-Multi Panel to the underside of the Hush Deep Resilient Bars.
- Over board the Hush-Multi Panel with 15mm Fireline plasterboard.

## FEATURES

- ✓ Complies to UK Building Regulations Approved Document E (England & Wales), Section 5 (Scotland) and Part G (Northern Ireland)
- ✓ Can be used in new build, conversion and refurbishment developments.
- ✓ A high performing solution with minimal floor and ceiling build up.
- ✓ For use on developments that require a high mass ceiling system to achieve high acoustic performances

## ACOUSTIC PERFORMANCE

Impact $L'_{nT,w}$ dB	Airborne $D_{nT,w}$ dB	Airborne $D_{nT,w} + C_{tr}$ dB
52	55	48

Results based on all Hush materials listed in the Hush System HD1051 being used. Results are also based on 200mm timber joists and all flanking junctions being treated.

## BUILDING REGULATIONS STATEMENT

- Approved Document E (England & Wales) 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.
- There will be variations in measurements from site to site in all UK Building Regulations whether it be Document E (England & Wales), Section 5 (Scotland) or Part G (Northern Ireland). These variations are caused by 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.

## HUSH ACOUSTICS

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