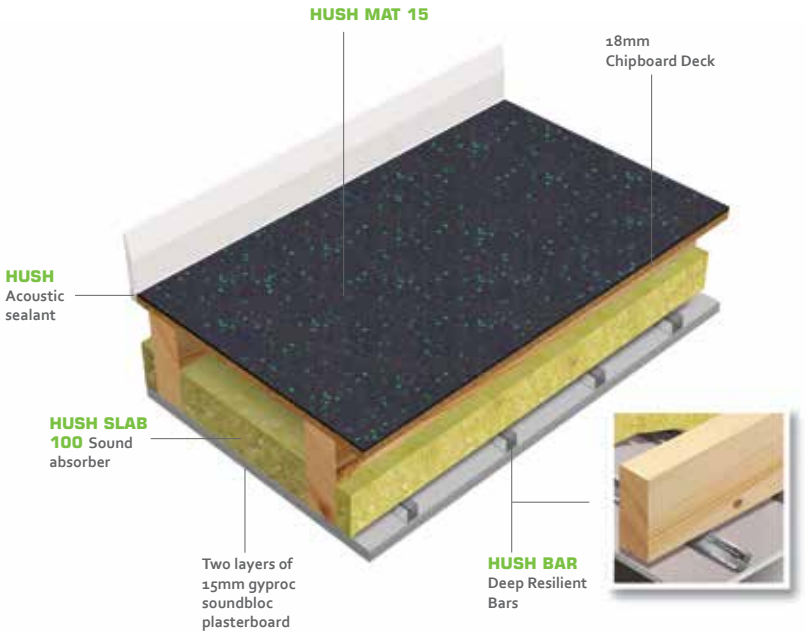
Hush Acoustics - HD1049

HUSH MAT 15 RB SYSTEM



SPECIFICATION

- Hush Mat 15 to be bonded to the timber structure using the Hush Contact Adhesive. Suitable floor finishes can then be installed over the Hush Mat 15 with the correct installation guidance. The timber deck over the joists can be the original floorboards or a 18mm/22mm T&G chipboard/plywood deck.
- Hush-Slab 100 fitted tightly between the joists with no air gaps
- Hush-Bar Deep Resilient Bars fixed horizontally to the underside of joists at 600mm centres.
- Two layers of 15mm Soundbloc plasterboard to be installed to the underside of the Hush-Bar Deep Resilient Bars. Seal all perimeters with Hush Acoustic Sealant prior to skimming.

FEATURES

- ✓ Complies to UK Building Regulations Approved Document E (England & Wales), Section 5 (Scotland) and Part G (Northen Ireland)
- ✓ A thin floor and ceiling construction that still complies to all UK Building Regulations.
- ✓ A fully developed economical sound insulation system to be used to form a separating floor construction in refurbishment and conversion development with timber joists
- ✓ Excellent impact performance due to the Hush Mat 15.

ACOUSTIC PERFORMANCE

Impact $L'_{nT,w}$ dB	Airborne $D_{nT,w}$ dB	Airborne $D_{nT,w} + C_{tr}$ dB
47	61	49

Results based on all Hush Components being used and installed correctly as per the HD1049 details above. All flanking transmission paths to be correctly isolated.

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 form 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.

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