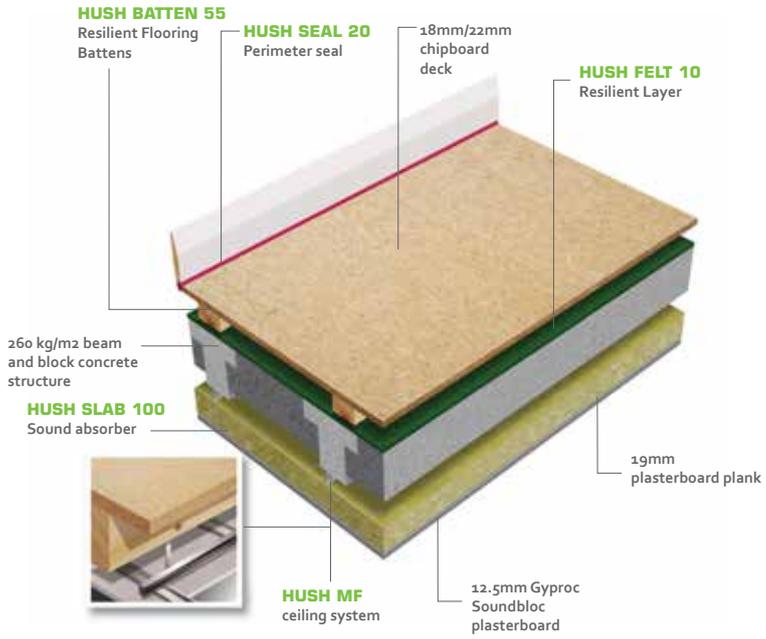


HUSH BATTEN 55 SYSTEM B/B



SPECIFICATION

- Hush-Battens loose laid at required centres over a layer of Hush-Felt 10 Resilient Layer
- T&G chipboard/plywood, to suit batten centres and loadings, to be laid over Hush-Battens using Hush Bond and screw fixings and sealed at all perimeters using the Hush Seal 20 perimeter strip
- Hush MF system to be installed to the underside of the beam and block structure. The Hush MF ceiling to create a 150mm void from the underside of the beams to the back of the plasterboard lining. Hush Slab 100 Sound Absorber to be installed tightly together within the ceiling void
- Install two layers of plasterboard to the underside of the Hush MF ceiling. The plasterboard lining should be 19mm Plasterboard Plank and 12.5mm Soundbloc

FEATURES

- ✓ Complies with UK Building Regulations Approved Document E (England & Wales), Part G (Northern Ireland) and Section 5 (Scotland).
- ✓ A fully developed economical sound insulation system between separating floors
- ✓ For use in new build, conversion or refurbishment developments that have a beam and block structure with a minimum density of 260 kg/m2
- ✓ Creates service voids above and below the floor structure
- ✓ Excellent acoustic performance due to voids above and below the structure

ACOUSTIC PERFORMANCE

| Impact $L'_{nT,w}$ dB | Airborne $D_{nT,w}$ dB | Airborne $D_{nT,w} + C_{tr}$ dB |
|-----------------------|------------------------|---------------------------------|
| 50 | 54 | 51 |

Results based on all Hush components being used for the Hush System HD1015. System also requires correct density of beam and block and flanking wall issues need to be addressed.

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.

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