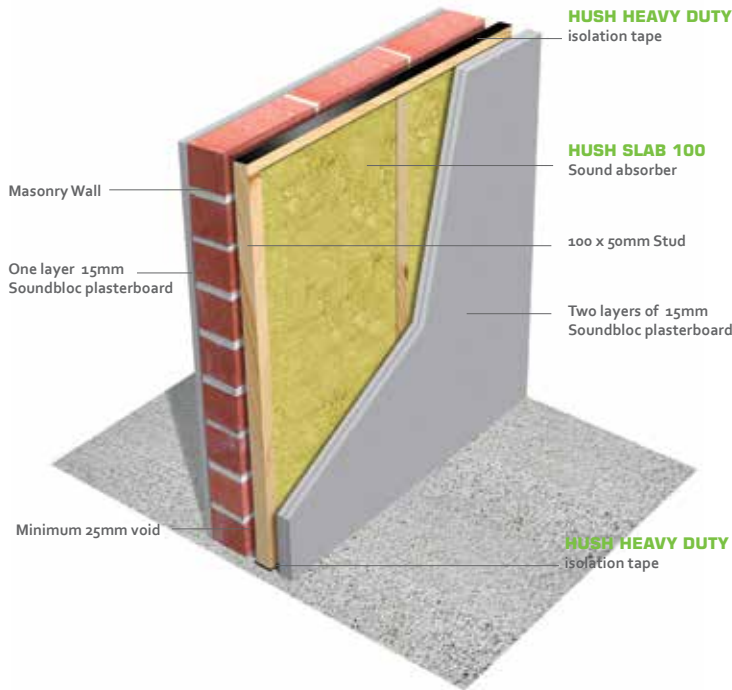


# MASONRY WALL WITH STUD LINING



## SPECIFICATION

- Construct a single frame of 50x100mm timber stud work independently from the existing masonry wall. Ensure there is a clear 25mm minimum gap from the existing masonry to the stud frame. Ensure the stud and track is isolated from the floor and ceiling structure using the Hush Heavy Duty Isolation Tape.
- Insulate within the stud using the Hush Slab 100 Sound Absorber. Ensure the Hush Slab is installed tightly within the stud frame and the gap from the timber frame to the masonry wall should remain clear at all time.
- Face the masonry side and the new timber frame with two layers of 15mm Soundbloc Plasterboards. Ensure the perimeters of the plasterboards are sealed with the Hush Acoustic Sealant.

## 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 tried and tested method of upgrading an existing masonry wall to separating wall standards
- ✓ Excellent acoustic performance due to the clear void between the existing masonry wall and the new timber stud wall

## ACOUSTIC PERFORMANCE

Airborne $D_{nT,w}$ dB	Airborne $D_{nT,w} + C_{tr}$ dB
64	60

Results based on all Hush materials listed in the Hush System HD1055 data sheet being used. Results are also based on correct installation and all flanking paths 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

TEL: 0151 933 2026

EMAIL: [info@hushacoustics.co.uk](mailto:info@hushacoustics.co.uk)

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

[hush-acoustics](https://www.linkedin.com/company/hush-acoustics)

[@hushacoustics](https://twitter.com/hushacoustics) [hushuk.acoustics](https://www.facebook.com/hushuk.acoustics)

44 Canal Street, Bootle, Liverpool L20 8QU  
Offices also based in London and Yorkshire



**HUSH ACOUSTICS**