

## ACOUSTIC PERFORMANCE

AIRBORNE D<sub>n</sub>TW = 64dB

AIRBORNE D<sub>n</sub>TW + C<sub>tr</sub> dB = 60dB

RESULTS BASED ON ALL HUSH MATERIALS LISTED IN THE HUSH SYSTEM HD1055 DATA SHEET BEING USED. RESULTS ARE ALSO BASED ON THE CORRECT INSTALLATION AND ALL FLANKING PATHS BEING TREATED.

## SPECIFICATION

CONSTRUCT A SINGLE FRAME OF 50 x 100mm 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

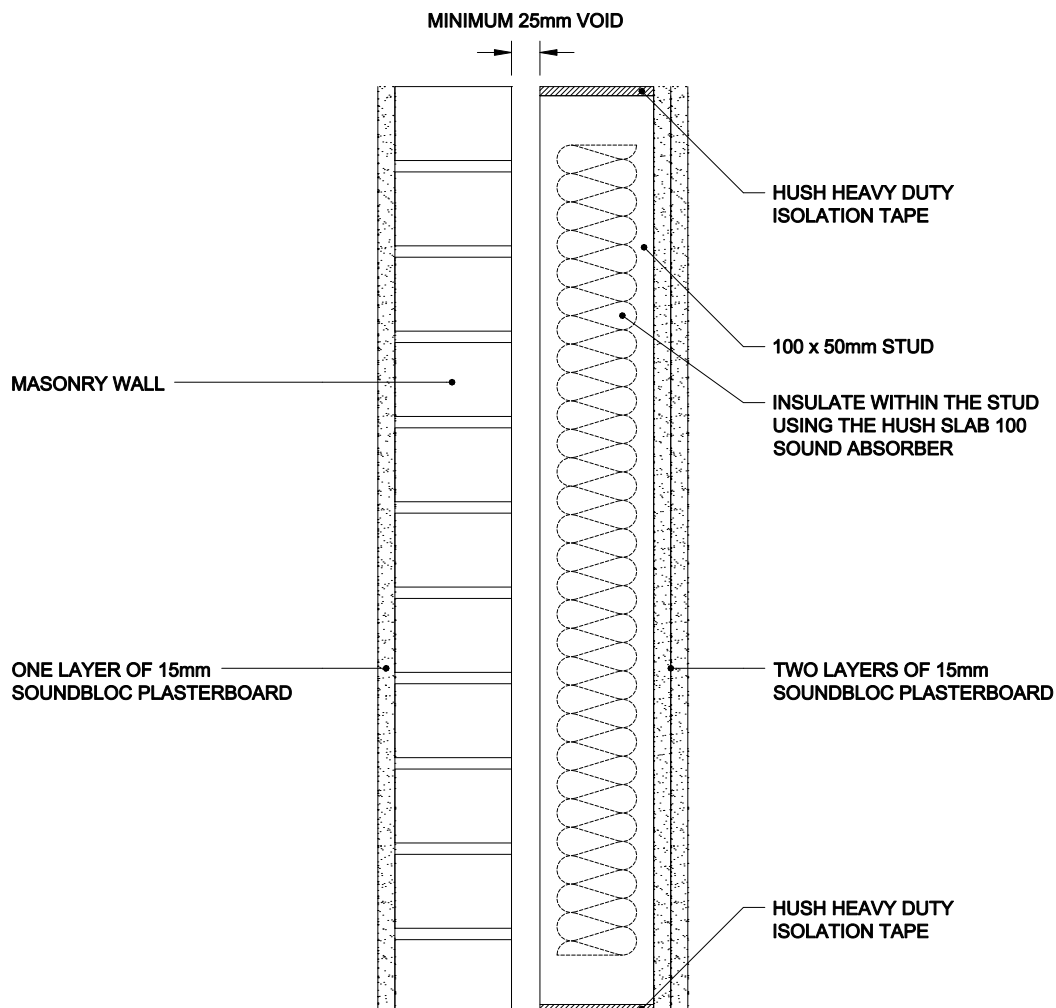
COMPLIES TO UK BUILDING REGULATIONS APPROVED DOCUMENT E (ENGLAND AND WALES), SECTION 5 (SCOTLAND) AND PART G (NORTHERN IRELAND).

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.

PROVIDES A 1 HOUR FIRE RESISTANCE.



HUSH (UK) LTD  
MASONRY WALL WITH STUD LINING  
HD1055