

# HUSH SLAB 100 SOUND ABSORBER



Hush Slab 100 has been developed to reduce airborne sound transmission through separating floors, ceilings and walls within both new build and refurbishment projects and is manufactured by a unique process, utilising renewable energy and a sustainable source of raw material. Hush-Slab 100 provides excellent acoustic performance, reducing airborne sound as part of a recommended sound insulating system for separating floors, ceilings or walls.

## ACOUSTIC PERFORMANCE

All Hush acoustic systems have been tested with the Hush-Slab sound absorber. All acoustic figures displayed for the Hush-Systems are achieved because of how all the elements work together to achieve an overall acoustic rating. Therefore Hush-Slab is an integral element of all Hush-Systems and if it is removed will effect the acoustic results displayed. Therefore Hush-Slab must be used in all Hush-Systems to ensure compliance with the regulations.



Thicknesses available mm	Thermal Conductivity W/mK	Thermal resistance m <sup>2</sup> K/W	Slab size mm	Slabs per pack	Area per pack m <sup>2</sup>
100	0.035	2.85	1200x600	5	3.6
75	0.035	2.10	1200x600	6	4.32
50	0.035	1.40	1200x600	10	7.2
25	0.035	0.70	1200x600	20	14.4

## PRODUCT DATA

- In between floor and ceiling joists and wall studs to suit system requirements
- Comprises High density mineral fibre produced from non-combustible inorganic rock, it is defined as 'mineral wool' in BS 3533 and complies fully with the recommendations of BS 5422 and BS 3958: Part 5
- Durability will not encourage the growth of fungi, mould or bacteria, does not sustain vermin, is rot-proof, odourless and completely non-hygroscopic
- Fire Performance Non-combustible, Class 'O' to Building Regulations achieving both a Class 1 Spread of Flame to BS 476: Part 7 and the required indices of performance of fire propagation to BS 476: Part 6

## SUITABLE FOR:



## FEATURES

- ✓ A unique high density sound insulating slab available in varying thicknesses to suit many applications
- ✓ Excellent acoustic and thermal properties
- ✓ Non-combustible; Class 'O' fire rating
- ✓ Used extensively within refurbishment and new build projects to reduce airborne sound through system designed floor, ceiling and wall structures
- ✓ Building Regulations Part E (England and Wales), Section 5 (Scotland) and Part G (Northern Ireland)
- ✓ Can be used as part of Robust Details floor and wall systems
- ✓ Can be used as part of a Code For Sustainable Homes development
- ✓ Simple to cut and install

## HUSH ACOUSTICS

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Offices also based in London and Yorkshire



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