



Hush Panel Cem 32 is a high mass acoustic floorboard that has been developed to increase both airborne and impact acoustic performance when used in an existing construction that is deemed to be very lightweight. By adding high amounts of mass to a lightweight construction the airborne noise performance is increased, something that doesn't normally occur when standard acoustic flooring is used.

Hush-Panel Cem 32 comprises of an 22mm tongued and grooved cement particle board and our Hush Felt 10 resilient layer. The Hush-Panel Cem 32 should be laid in the conventional broken bond pattern with all T&G joints glued using the Hush Cem Adhesive. The Hush Seal 20 or range of Hush flanking strips should be used to isolate the perimeters of the board.



ACOUSTIC PERFORMANCE

Impact $L'_{nT,w}$ dB	Airborne $D_{nT,w}$ dB	Airborne $D_{nT,w} + C_{tr}$ dB
56dB	63dB	58dB

Results based on Hush Panel Cem 32 being laid over a floor structure, with a suitable ceiling treatment and all flanking paths removed.

PRODUCT DATA

- Overall Board Dimensions 1200 x 600 x 32mm - 0.72m²
- Weight per m²: 30.00kg
- Weight per board: 21.60kg
- Thermal Conductivity: 0.26 W/m.k
- Thermal Resistance: 0.069 m² K/W (the same R value as traditional screeded systems)
- Board Surface is Class 'O' Fire Rated
- Hush-Panel Cem joints must be glued using the Hush Cem Adhesive
- Hush-Panel Cem perimeters to be sealed using the Hush Seal 20 or Hush Flanking Strips

SUITABLE FOR



Installation Guidelines upon request

FEATURES

- ✓ High Mass Acoustic Flooring to improve both Airborne and Impact noise issues
- ✓ Excellent Acoustic Performance
- ✓ Very stable surface to carry many floor finishes
- ✓ Document E compliant (England & Wales), Section 5 compliant (Scotland), Part G compliant (Northern Ireland)
- ✓ Can be used to as part of a Code For Sustainable Homes compliant specification
- ✓ Can be used to form a Robust Details compliant system
- ✓ Improves Airborne acoustic performance as a flooring product
- ✓ Suitable for New Build, Change of Use and Refurbishment Projects

HUSH ACOUSTICS

TEL: 0151 933 2026

EMAIL: info@hushacoustics.co.uk

www.hushacoustics.co.uk

hush-acoustics

@hushacoustics hushuk.acoustics

44 Canal Street, Bootle, Liverpool L20 8QU

Offices also based in London and Yorkshire



HUSH ACOUSTICS
Sound Insulation Products and Systems