

HUSH PANEL 28



Hush-Panel 28 has been designed as a versatile impact reducing floor panel that can be used as a structural or an overlay board.

When used as an overlay board the Hushfelt™ resilient layer can take care of minor undulations of the floor surface.

ACOUSTIC PERFORMANCE

Impact $L'_{nT,w}$ dB	Airborne $D_{nT,w}$ dB	Airborne $D_{nT,w} + C_v$ dB
54	60	54

Results based on Hush Panel 28 being used within a timber joisted application with suitable ceiling detail and no flanking issues.

PRODUCT DATA

- Can be laid over concrete, existing timber floors or directly over joists up to 450mm centres*
- Comprises 18mm High Density P5 Moisture Resistant tongued and grooved chipboard with 10mm Hushfelt™ resilient layer
- Overall Board Dimensions 2400mm x 600mm x 28mm
- Overall nominal thickness 28mm
- FFL over floor deck 26mm
- FFL over timber joists *36mm (used in conjunction with Hush-10 Joist Strip)

FEATURES

- ✓ Versatile and economical
- ✓ Suitable for New Build, Change of Use and Refurbishment Projects
- ✓ Compatible with a range of Hush-Systems
- ✓ Can be used as part of a Code For Sustainable Homes compliant development
- ✓ Building Regulations Part E (England and Wales), Section 5 (Scotland) and Part G (Northern Ireland)
- ✓ Robust Details FFT5 compliant for floor structures EFC-1, EFC-2 and EFS-1
- ✓ Ideal for ceramic tiling in conjunction with Permalayer
- ✓ Easy to install in a single time saving operation
- ✓ A Peel Clean version is now available to allow for spotless handovers

HUSH PANEL CEM 28



Hush Panel Cem 28 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 28 comprises of an 18mm tongued and grooved cement particle board and our Hush Felt 10 resilient layer. The Hush-Panel Cem 28 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 $D_{nT,w} + C_v$ dB
56	61	57

Results based on Hush Panel Cem 28 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 28mm -- 0.72m²
- Weight per m²: 24.00kg
- Weight per board: 17.30kg
- Thermal Conductivity: 0.26 W/m.k
- 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

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

