

TECHNICAL DATA SHEET

MCW Impact Board 28/32

HIGH-PERFORMANCE ACOUSTIC OVERLAY BOARD



Impact Board 28/32 is a composite acoustic overlay panel for use on timber floors in refurbishment projects or concrete subfloors in new build applications.

Impact Board 28/32 is a cost-effective solution for a multitude of applications. Improved impact sound performance is achieved through introducing a resilient layer to the floor by using an 18mm or 22mm P5 chipboard, which is factory bonded to a high-performance 10mm foam layer. This gives an ΔL_w performance of 18dB.

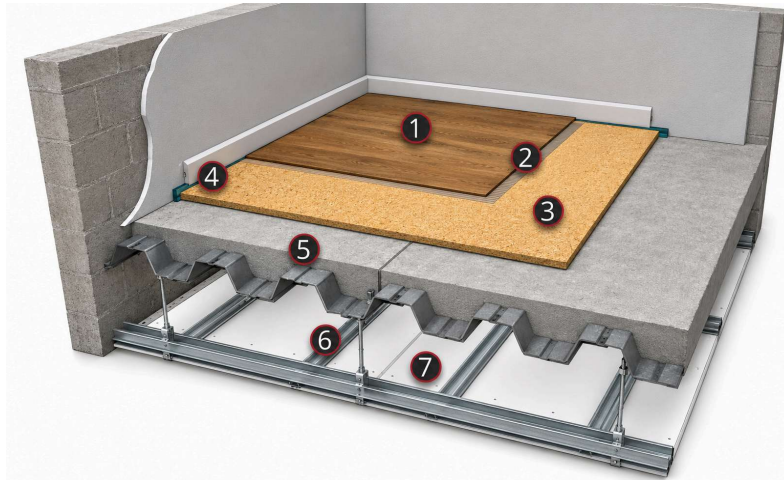
Key Benefits

- Low Build-Up: Minimal height increase of only 28mm
- Robust Detail Approved: E-FC-1, E-FC-2, E-FS-1
- 28mm and 32mm options to suit high requirements

Technical Details

Robust Details Approved	E-FC-1, E-FC-2, E-FS-1
Board Dimensions	600mm (W) x 2400mm (L) x 28/32mm (H)
Weight (28mm)	18kg Per Board
Weight (32mm)	13kg Per Board
Boards per Pallet	70 Boards (100.8m ²)

Typical Flooring Build-ups



Profiled Metal Deck

1. Floor finish
2. Adhesive or decoupling layer
3. MCW Impact Board 28/32
4. L Shaped Flanking Strip
5. 130mm concrete on profiled metal deck
6. MF ceiling (min 100mm void)
7. 7 1 x 9.5mm acoustic plasterboard

Acoustic Performance

DnT,w + Ctr	51dB
LnT,W	49dB

Concrete Insitu Floor

1. Floor finish
2. MCW Impact Board 28/32
3. L Shaped Flanking Strip
4. 200mm Reinforced Insitu Concrete Slab
5. MF Ceiling (min 100mm void)
6. 1 x 9.5mm acoustic plasterboard

Acoustic Performance

DnT,w + Ctr	51dB
LnT,W	50dB
ΔL_w	20dB

