

CELLECTA ScreedBoard® 28 laid on sub-floor
Metal C-section joists
Use with lightweight metal frame walls only

CELLECTA ScreedBoard® 28
(See Table 2S.06a for full details)

Floor decking 18mm thick (min) wood based board, density 600kg/m³

Joists 200mm⁽¹⁾ (min) deep metal C-section joists

○ 50mm **CELLECTA FIBREfon® Micro 50**
● 100mm (min) quilt insulation (10-36kg/m³)

See Table 2S.06b for ceiling treatment options featuring 30mm deep **CELLECTA HP30** resilient bars

(1) 254mm(min) required for Robust Detail applications

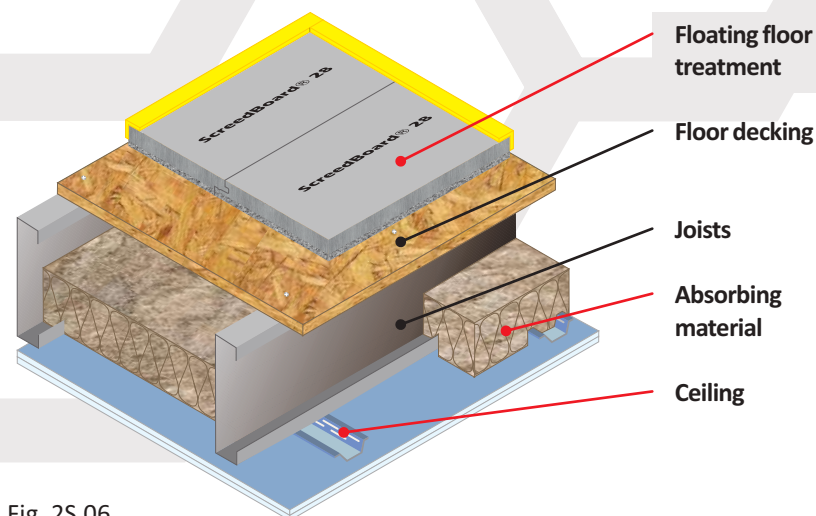


Fig. 2S.06

FASTRACKCAD
ARCHITECTURAL CAD DATABASES

Available on
bimstore.co

NSPlus

Table 2S.06a

Installation Details

Resilient overlay platform floor system

- ScreedBoard® 28** Ultra high performance, dense acoustic composite overlay board
Dimensions: 28mm x 600mm x 1200mm
Weight: 26kg/m² / 18.72kg/board
- CELLECTA Pro Adhesive**
ScreedBoard joint adhesive
Bottle size: 1L / 33m² coverage
- YELOfon® FS50**
Preformed flanking strip
6mm x 50mm x 30mm x 2m

CLASS Bfl,S1
BS EN13501-1

Additional items required:
CELLECTA ScreedBoard fixing tools
Sound absorbing quilt laid between joists:
○ 50mm **CELLECTA FIBREfon Micro 50** non-itch polyester wool
● 100mm (min) Mineral wool 10-36kg/m³

Table 2S.06b

Ceiling Treatment Options

Ceiling board fixings must not penetrate or touch the floor joists
30mm **CELLECTA HP30** Resilient Bars (3m long) mounted at right angles to the joists at 600mm (max) centres.

CT1 Two layers of gypsum-based board, composed of 19mm (nominal 13.5kg/m²) fixed with 32mm screws and 12.5mm (nominal 10kg/m²) fixed with 42mm screws, with all joints staggered.

CT2 Two layers of gypsum-based board, composed of 15mm (nominal 12.5kg/m²) fixed with 25mm screws and a second layer of 15mm (nominal 12.5kg/m²) fixed with 42mm screws, with all joints staggered.

Sacrificial ceiling (optional)
Metal ceiling system with a 75mm (min) void fixed to underside of primary ceiling. One layer of nominal 8kg/m² gypsum based board.

Construction notes
Materials must be installed in accordance with manufacturers' and Robust Detail instructions to achieve required acoustic performance values.
Wall treatments **MUST** be isolated from the floating floor with **YELOfon FS50** perimeter flanking strip.

Acoustic Performance

Airborne: 54dB $D_{nT,w} + C_{tr}$	Building Regs
Impact: 55dB $L_{nT,w}$	+ 5dB

Values quoted are typical and based on the treatment being installed correctly and pre-completion tested (PCT).
Airborne performance tested in accordance with BS EN ISO 140-4:1998
Impact performance tested in accordance with BS EN ISO 140-7:1998

Third Party Accreditation and Approvals



Environmental Credentials

