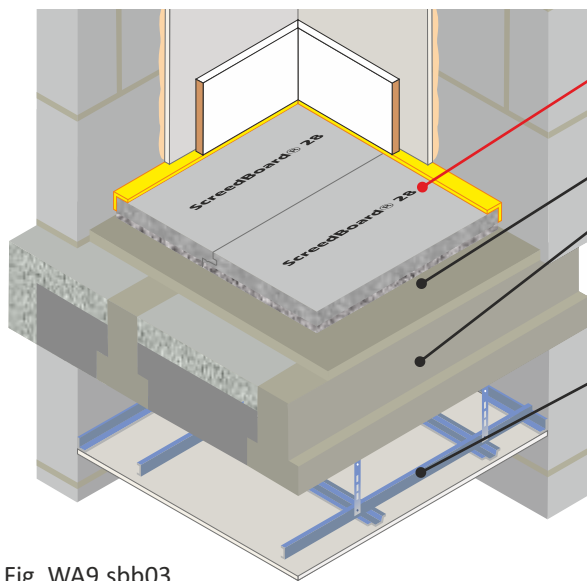


Separating floor - Modified beam & block

CELLECTA ScreedBoard laid on structural floor
Beam and block floor with precast or in-situ edge beams
For use with dense aggregate block flanking walls only



Floating floor treatment

CELLECTA ScreedBoard 20 / 28
(See Table WA9.sbb03a for full details)

Levelling screed

20mm (min) levelling screed

Structural floor

Beam and block, min 100mm thick dense aggregate infill blocks, min 50mm concrete topping, min strength class C20, to floor blocks, min 300kg/m² (min) combined mass per unit area

Ceiling

See Table WA9.sbb03b for ceiling treatment options

FASTRACKCAD
ARCHITECTURAL CAD DATABASES

BS Plus

Fig. WA9.sbb03

Table WA9.sbb03a

Installation Options

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

YELOfon FS50
Profiled perimeter flanking strip
Dimensions: 6mm x 50mm x 30mm x 2m

Resilient overlay platform floor system incorporating underfloor heating

ScreedBoard 20 Highly conductive, high density overlay board
Dimensions: 20mm x 600mm x 1200mm
Weight: 25kg/m² / 18kg/board
Thermal resistance: 0.05m²K/W

XFLO Routed XPS UFH insulation board
Dimensions: 25-160mm x 600mm x 2500mm

ULTRAplate heat diffuser plate
Dimensions: 10-20mm pipe x 1000mm long

FIBREfon 8
Ultra high performance resilient layer
Dimensions: 8mm x 600mm x 1200mm
Weight: 1kg/m²

"Click" edge detail

Table WA9.sbb03b

Ceiling Treatment Options

Any metal frame ceiling system providing 75mm (min) ceiling void

150mm (min)
75mm (min)

One layer of nominal 8kg/m² gypsum-based board

Timber battens & counter battens

100mm (min)

One layer of nominal 8kg/m² gypsum-based board

Timber battens & metal resilient bars

65mm (min)

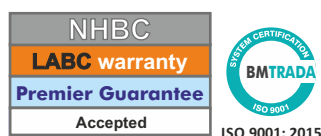
One layer of nominal 10kg/m² gypsum-based board

Acoustic Performance

Airborne: 53dB $D_{nT,w} + C_{tr}$	Building Regulations
Impact: 51dB $L_{nT,w}$	+ 5B

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

