TECHNICAL DATA SHEET

SOUNDDECK

RESILLIENT OVERLAY BOARD FOR TIMBER FLOORS IN NEW BUILD/REFURBISHMENTS

PRODUCT DESCRIPTION

SoundDeck is a resilient overlay shallow platform floor system proven to reduce impact sound transmission in new build and refurbishment properties.

SoundDeck panels comprise a resilient layer pre-bonded to 18mm or 22mm T & G flooring grade chipboard.

SPECIFICATION

Size:	2400mm x 600mm TG4
Thickness:	26mm or 30mm

BENEFITS

- For conversion and new build Approved Document E (England & Wales)
- Ideal for precast and beam & block floors
- Minimises construction height

ACCESSORIES

CMS Danskin Acoustics Flanking Band must be used with SoundDeck to ensure efficient operation.

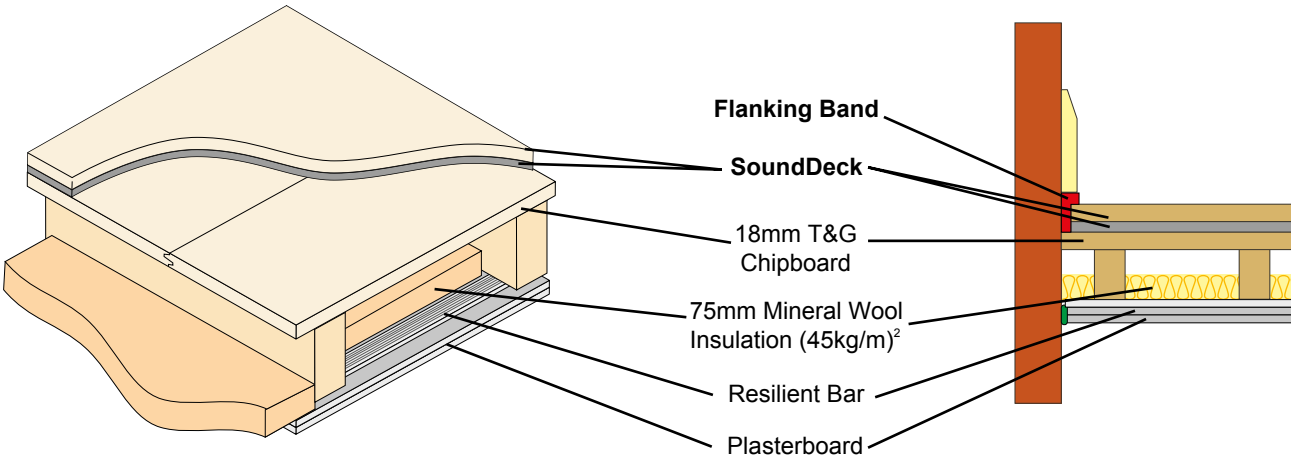
INSTALLATION

1) The building should be watertight before installation.
2) Ensure that floors are level and clean.
3) Ensure there are no protruding nail/screw heads in floor.
4) Fill all voids between walls and floor.
5) Measure up room and cut boards 8-10mm short of wall to accommodate the CMS Danskin Acoustics Flanking Band.
6) Install CMS Danskin Acoustics Flanking Band around the perimeter of the floor to isolate flooring boards from walls and skirtings.
7) Lay down the SoundDeck with resilient foam layer on the bottom.
8) Butt SoundDeck boards tightly together.
9) Stagger the joints ensuring that the tongue and grooves are tightly fitting to avoid any gaps for sound to penetrate.
10) All board joints must be glued using appropriate adhesive and left for 12 hours before walking on.
11) Under no circumstances should the boards be fixed through to the subfloor.
12) Ensure that at no point the boards of the floating layer contact the walls of the structure as this will allow flanking and structural transmission of sound and impair the acoustic performance of the floor.
13) Complete the installation by turning the protruding part of the CMS Danskin Acoustics Flanking Band over the board and trap below the skirting to completely isolate the floor from all other hard surfaces.
14) Trim off any excess with a sharp knife and seal the junction with acoustic sealant.

EXAMPLE

Airborne sound insulation ($D_{nT,w} + C_{tr}$) 56dB

Impact sound insulation ($L'_{nT,w}$(Ctr)) 47dB



CMS DANSKIN ACOUSTICS

Scotland Office: Tel: **01698 356000** Fax: **01698 372222**
1 Netherton Road, Wishaw, ML2 0EQ

Central/Southern Office: Tel: **01925 577711** Fax: **01925 577733**
Unit 2 Lyncastle Road, Appleton, Warrington, WA4 4SN

Email: **info@cmsdanskin.co.uk** Website: **www.cmsdanskin.co.uk**

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