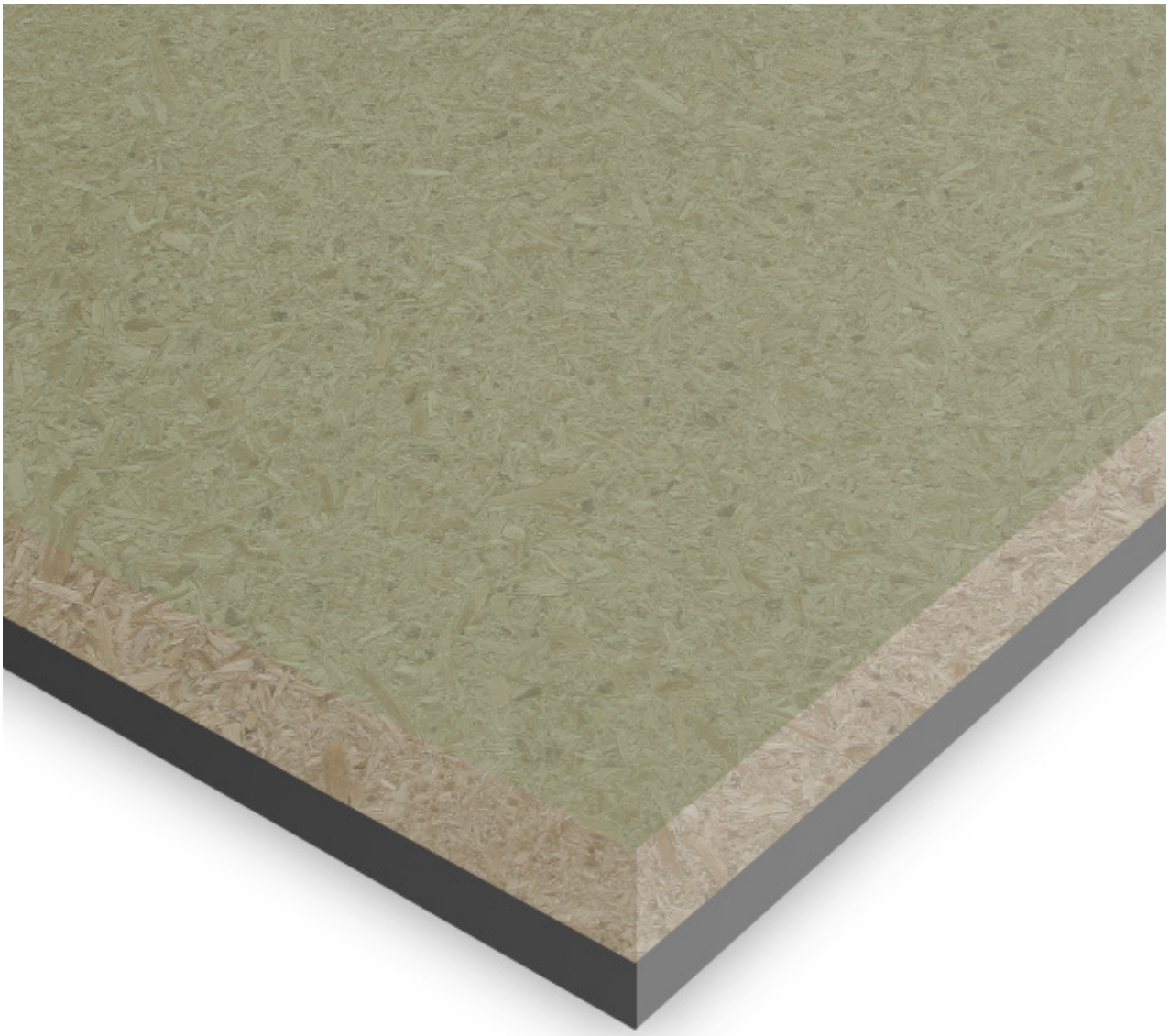

Noisestop Systems

Concretedeck 18mm, 23mm, and 27mm

Product Brochure & Fitting

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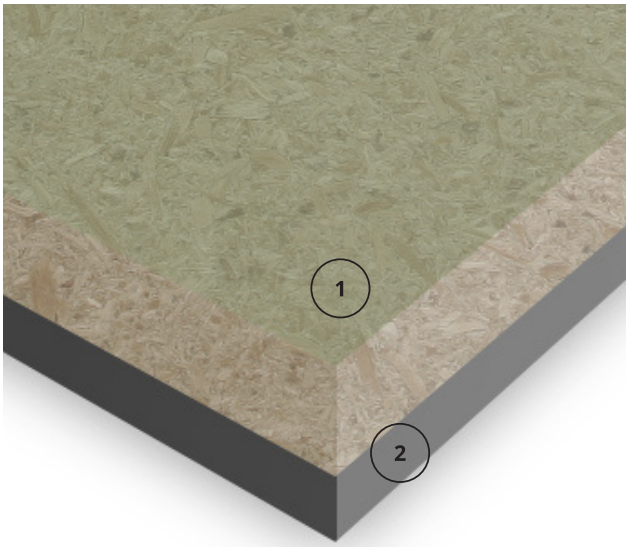
Description

Concretedeck is designed to reduce airborne sound transmission and also reduce impact sound transmission through concrete floors. Concretedeck 18mm, 23mm, and 27mm consist of a 5.5 mm layer of cross-linked Isopoli bonded to 22mm, 18mm and 12mm P5 V313 moisture-resistant chipboard. This concrete floor soundproofing system does not need the additional protection of a moisture barrier (VCL) vapour control layer because the Isopoli will not absorb the moisture from a virgin screed.

Features



1 moisture-resistant chipboard

2 5.5 mm layer of cross-linked Isopoli
22mm, 18mm and 12mm P5 V313

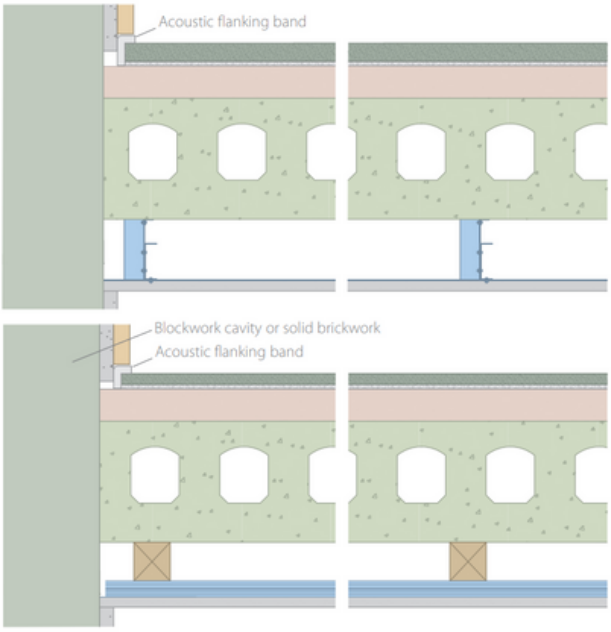
Concretedeck 27 - 2400mm x 600mm x 27mm
Concretedeck 23 - 2400mm x 600mm x 23mm
Concretedeck 18 - 2400mm x 600mm x 18mm

Concretedeck 27 - 22.8kg per sheet
Concretedeck 23 - 18.8kg per sheet
Concretedeck 18 - 13.0kg per sheet

Performance Data

Treated floor with:	DnT,w	L' nT,w
Concretedeck 27	53dB	53dB
Concretedeck 23	53dB	53dB
Concretedeck 18	51dB	54dB

When installed as part of a complete party floor construction, it enables a concrete floor to meet the sound transmission standards of ADE 2003 and subsequent amendments in 2004, 2010, 2013 & 2015



Fitting

- Concretedeck 27, 23, 18
- ≥300kg/m2 hollow core concrete with 80kg/m2 sand/cement screed or 40mm screed
- min. 75mm void formed by metal frame suspended ceiling system with ≥10kg/m2 plasterboard board ceiling (top) or 50 x 75mm timber battens.
- ≥10kg/m2 plasterboard board ceiling supported on resilient bars @ 400mm centres, perpendicular to the battens min 75mm below the underside of sub-floor.

Fitting

Lay Concretedeck flooring over dry level screed in brick bond pattern, applying wood adhesive to all tongued and grooved panel joints.

Apply a perimeter isolation tape on the edge of the wall just before the boards are pushed against the perimeter walls to isolate the board from the wall.

Install skirting and trim off excess perimeter isolation tape.

Stud Partitions
Stud partitioning should be built from the subfloor wherever possible. It is good practice to isolate all partitions built from the sub-floor with Isolation Tape as this will improve the performance of the walls and the floors.

Skirting Boards and Architraves
Reduce flanking sound by isolating skirting boards and architraves from the flooring. Roll the isolation tape over the flooring and place the skirting board on top. Trim excess tape with a sharp knife.

Kitchens and Bathrooms
Install kitchen units onto the structural subfloor. Lay the concretedeck boards up to the legs of the units. Install the plinth to the legs of the units to finish. Where floor heights need to be changed for white goods, use a plywood sheet or similar over the subfloor. The flooring should finish at the legs in bathrooms, and the subfloor should support the bath. You should then install the bath panel to finish. You can use a plywood sheet below the toilet, bath and sink to ensure the floor height throughout.

Help & Advice

Our dedicated team would be happy to help with any enquiry about your soundproofing needs.

You can visit our website at www.noisestopsystems.co.uk if you need any information on our products and systems.

If you need to get in touch, please call 01423 339163. Alternatively, you can send your enquiry to info@noisestopsystems.co.uk

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NOISE STOP SYSTEMS