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One of the isomass systems range

Monodeck™ acoustic insulating boards (17)

monodeck™

26C system

OVERLAY PLATFORM SYSTEMS FOR CONCRETE FLOORS

- New build
- Refurbishments
- Conversions

Institute of Acoustics sponsoring organisation

MADE IN THE UK

Taking the *mystery* out of Acoustics

DESCRIPTION

- The monodeck 26C system is designed to reduce sound transmission and also reduce impact sound transmission through concrete floors.
- Monodeck 26C consists of a layer of 8mm reconstituted ACF (Acoustic Chip Foam) bonded to 18mm P5 V313 moisture resistant chipboard.
- When installed as part of a complete party floor construction either system enables a concrete floor to meet the sound transmission regulations of Approved Document E 2003 and subsequent amendments in 2004, 2010 and 2013.

APPLICATIONS

- To be used over existing floorboards for conversions, refurbishments or new build with a new resilient bar ceiling.

N R C CODE S H

E1 NEWBUILD E1 CHANGE Rd ROBUST

monodeck™
acoustic insulating products

monodeck™
acoustic insulating products

overlay system for concrete floors

Product data

Overall size:	2400mm x 600mm x 26mm
Resilient layer thickness:	8mm
Resilient layer:	High density reconstituted ACF (Acoustic Chip Foam)
Weight:	18.8kg per sheet

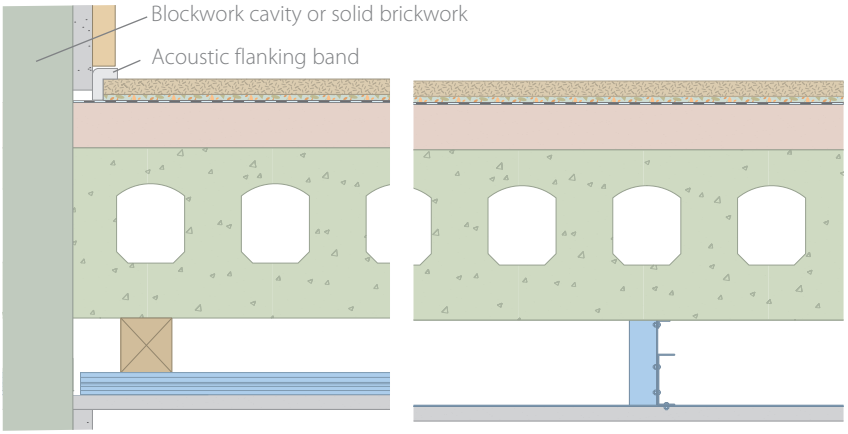
Performance

(On the construction illustrated)

Treated floor with:	$D_{nT,w} + C_{tr}$	$L'_{nT,w}$
Monodeck 26C	53dB	53dB

Complies with New Build Robust Detail descriptive FFT5 within E-FC-1, E-FC-2 and E-FS-1.

Compliance with Code for Sustainable Homes is possible; please contact Isomass for design advice.



- Monodeck 26C system.
- ≥300kg/m² cast in-situ concrete or hollow core concrete planks with 80kg/m² sand / cement screed or 40mm proprietary screed.
- Note: A VCL will be required when installing Monodeck 26C on new screed.
- 50 x 75mm timber battens with 10kg/m² gypsum board ceiling supported on resilient bars @ 400mm centres perpendicular to the battens min. 75mm below underside of sub-floor ***or***
- min. 75mm void formed by metal frame suspended ceiling system and ≥10kg/m² gypsum board ceiling.
- Acoustic flanking band reduces impact vibration leaking via structural walls and assists in reducing airborne sound paths (on both constructions).

OTHER PRODUCTS IN THE MONODECK RANGE

- **Monodeck 17T, 26T & 30T:** overlay platform system direct to floorboards to reduce transmission through timber floors in situations where finished floor height is not critical.
- **Monodeck 37T:** overlay platform system direct to joists to replace floorboards and reduce sound transmission.
- **Monodeck Underscreed XL5 & XL8:** impact performance system to reduce impact sound transmission through concrete floors.

SPECIFICATION

The acoustic floor shall be:

- Monodeck 26C, manufactured by Isomass Ltd. Unit 11, Avenue Business Park, Elsworth, Cambridgeshire CB23 4EY and installed in accordance with manufacturer's instructions.

INSTALLATION

- Apply Isocheck Acoustic Angled Flanking Band on the edges of the monodeck boards just before they are pushed against the perimeter walls to isolate the board from the wall (as shown in the diagrams).
- Lay Monodeck 26C over dry level screed, in brick bond pattern, applying Isocheck adhesive to all tongued and grooved panel joints. A VCL will be required when installing monodeck 26C on new screed.
- Install skirting over exposed flanking band and trim off any excess.
- Full installation instructions are available for download from our website (www.monodeck.co.uk) and must be used in conjunction when laying this floor system.

www.isomass.co.uk
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isomass®
building acoustics

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