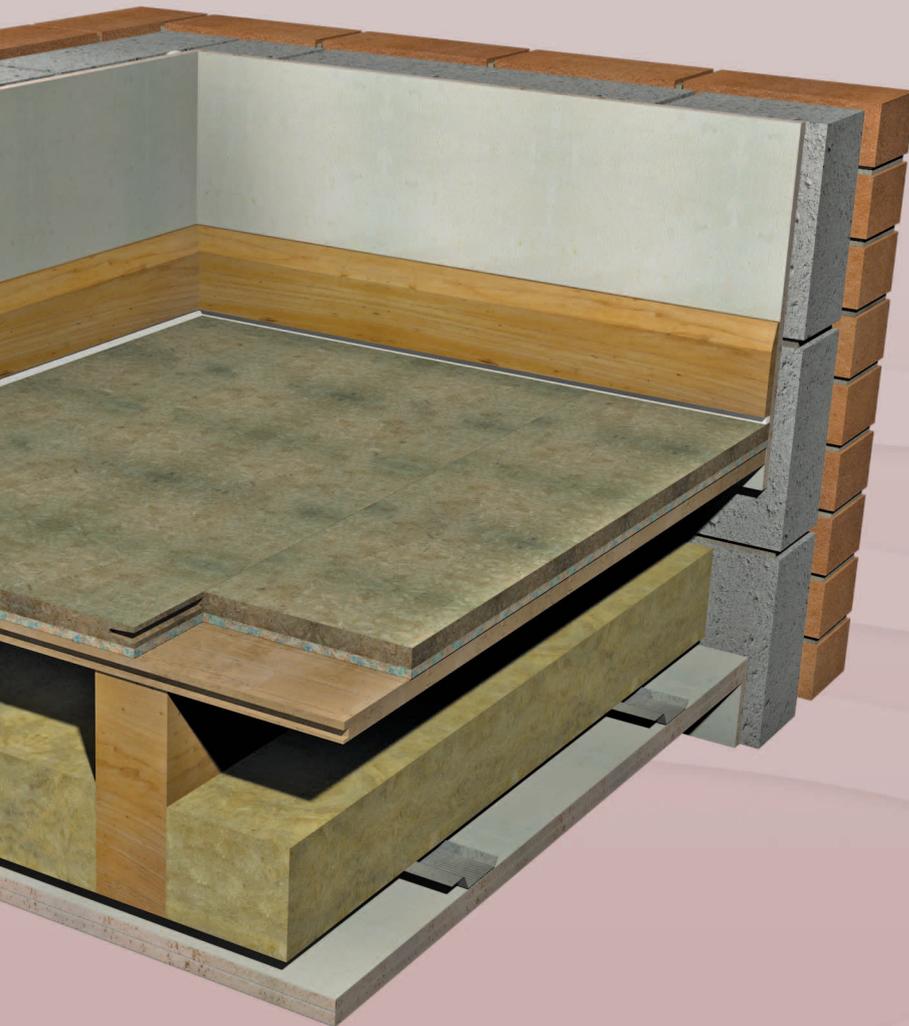


# monodeck™

## 17T system 26T system 30T system



### OVERLAY PLATFORM SYSTEMS DIRECT TO FLOORBOARDS

- New build
- Refurbishments
- Conversions



Taking the *mystery* out of Acoustics

#### DESCRIPTION

- ❑ Monodeck 17T, 26T and 30T systems are designed to reduce transmission through timber floors in situations where finished floor height is not critical.
- ❑ Monodeck 17T boards consist of a layer of 8mm reconstituted ACF (Acoustic Chip Foam) bonded to 9mm moisture resistant medium-density fibreboard; monodeck 26T and monodeck 30T boards consist of a layer of 8mm reconstituted ACF bonded to 18mm or 22mm V313 P5 moisture resistant chipboard.
- ❑ When installed as part of a complete sound reduction system, it enables a timber floor to meet the sound transmission regulations of ADE 2003 and subsequent amendments in 2004, 2010 & 2013.

#### APPLICATIONS

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



Monodeck 30T

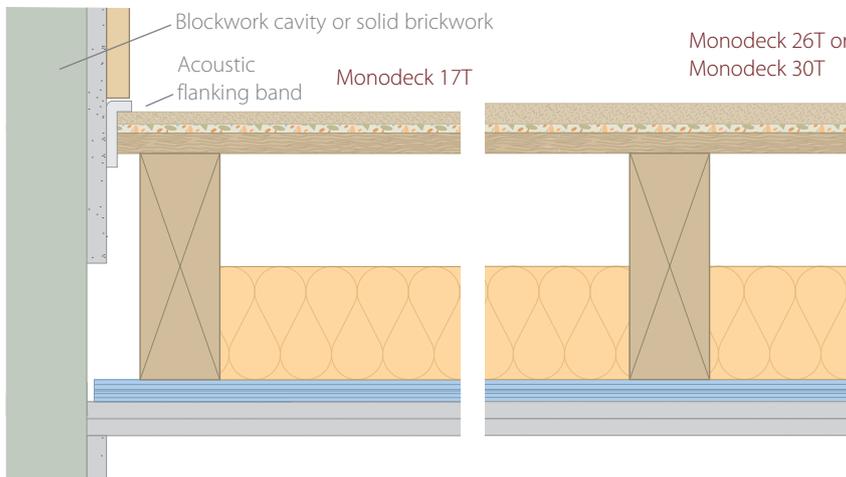
## Product data

Overall sizes:	Monodeck 17T: 1200mm x 600mm x 17mm Monodeck 26T: 2400mm x 600mm x 26mm Monodeck 30T: 2400mm x 600mm x 30mm
Resilient layer thickness:	8mm
Resilient layer:	Reconstituted ACF (Acoustic Chip Foam)
Weights:	Monodeck 17T: 5.1kg per sheet Monodeck 26T: 18.8kg per sheet Monodeck 30T: 21.9kg per sheet

## Performance

(On the party floors as illustrated below with a joist depth not less than 200mm)

Treated floor with:	$D_{nT,w} + C_{tr}$	$L'_{nT,w}$
Monodeck 17T or 30T	<b>≥45dB</b>	<b>≤62dB</b>
Monodeck 26T	<b>≥45dB</b>	<b>≥62dB</b>



- ❑ Monodeck 17T, 26T or 30T systems on existing timber floor (subject to condition) or a new 18mm chipboard deck.
- ❑ 200mm x 50mm timber joists @ max. 450mm centres.
- ❑ 100mm 45kg/m<sup>3</sup> insulation between joists.
- ❑ 20kg/m<sup>2</sup> double boarded ceiling on resilient bars @400mm centres perpendicular to joist direction.
- ❑ Acoustic flanking band reduces impact vibration leaking via structural walls and assists in reducing airborne sound paths.

## OTHER PRODUCTS IN THE MONODECK RANGE

- ❑ **Monodeck 37T:** overlay platform system direct to joists to replace floorboards and reduce sound transmission.
- ❑ **Monodeck 26C:** overlay platform system to reduce sound transmission and impact sound transmission through concrete floors.
- ❑ **Monodeck Underscreed XL5 & XL8:** impact performance system to reduce impact sound transmission through concrete floors.

Every effort has been taken in the preparation of this sheet to ensure the accuracy of representations contained herein. Recommendations as to the use of materials, construction details and methods of installation are given in good faith and relate to typical situations. However, every site has different characteristics and reliance should not be placed upon the foregoing recommendations. Advice can be given as to specific applications of the products, upon request to isomass building products.

[www.isomass.co.uk](http://www.isomass.co.uk)  
[www.monodeck.co.uk](http://www.monodeck.co.uk)

## SPECIFICATION

The acoustic floor shall be:

- ❑ Monodeck 17T, 26T or 30T 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 over existing floor boards in broken bond pattern, applying adhesive to all tongue and grooved panel joints.
- ❑ 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](http://www.monodeck.co.uk)) and must be used in conjunction when laying this floor system.

Please ask Isomass for guidance when considering the weight of any new blocks which will be incorporated in a wall directly surrounding a timber separating floor.



Monodeck 17T



Monodeck 26T