

The Monarfloor® Deck 9 system

Monarfloor® Deck 9 system is designed to reduce sound transmission through existing timber floors in situations where finished floor height is not critical.

Monarfloor Deck 9 consists of a layer of 8mm LRAC foam bonded to 9mm moisture resistant MDF.

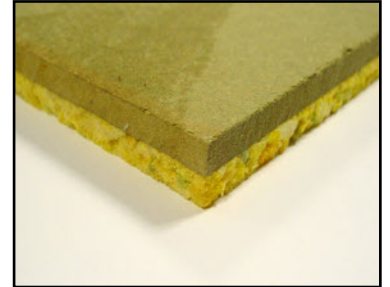
When installed as part of a complete sound reduction system it enables a timber floor to meet the sound transmission regulations of Part E

Performance

Treated Floor	$D_{nT,w} + C_{tr}$	$L_{nT,w}$
	48dB	48dB

System Components

Overall board dimensions	1200mm x 600mm x 17mm thick
Foam thickness	8 m m
Foam composition	Recycled Low Resonance type II Acoustic Chip (LRAC) foam



The Monarfloor® Deck 18 system

Monarfloor® Deck 18 system is designed to reduce sound transmission through existing timber floors in situations where finished floor height is not critical.

Monarfloor Deck 18 consists of a layer of 8mm LRAC foam bonded to 18mm V313 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 Part E

Performance

Treated Floor	$D_{nT,w} + C_{tr}$	$L_{nT,w}$
	49dB	49dB

System Components

Overall board dimensions	2400mm x 600mm x 26mm thick
Foam thickness	8 m m
Foam composition	Recycled Low Resonance type II Acoustic Chip (LRAC) foam



The Monarfloor® Acoustic Tri-deck system

Monarfloor® Tri-deck is designed to reduce sound transmission through existing applications.

Tri-deck consists of 22mm P5 moisture resistant chipboard bonded to 8mm layer of LRAC foam bonded to 5mm foam rubber.

When installed as part of a complete sound reduction system it enables a timber floor to meet the sound transmission regulations of Part E

Performance

Treated Floor	$D_{nT,w} + C_{tr}$	$L_{nT,w}$
	46dB	56dB

System Components

Overall board dimensions	2400mm x 600mm x 35mm thick
Resilient Layer	1 3 m m
Resilient layer composition	Recycled Low Resonance type I Acoustic Chip (LRAC) foam, Foam rubber



Performance figures based on a ceiling construction of:
45kg/m³ insulation between joist & 20kg/m² double plasterboard on resilient bars.