

Separating floor - Timber (existing)

CELLECTA acoustic treatment laid on sub-floor
Existing timber joists and ceiling retained

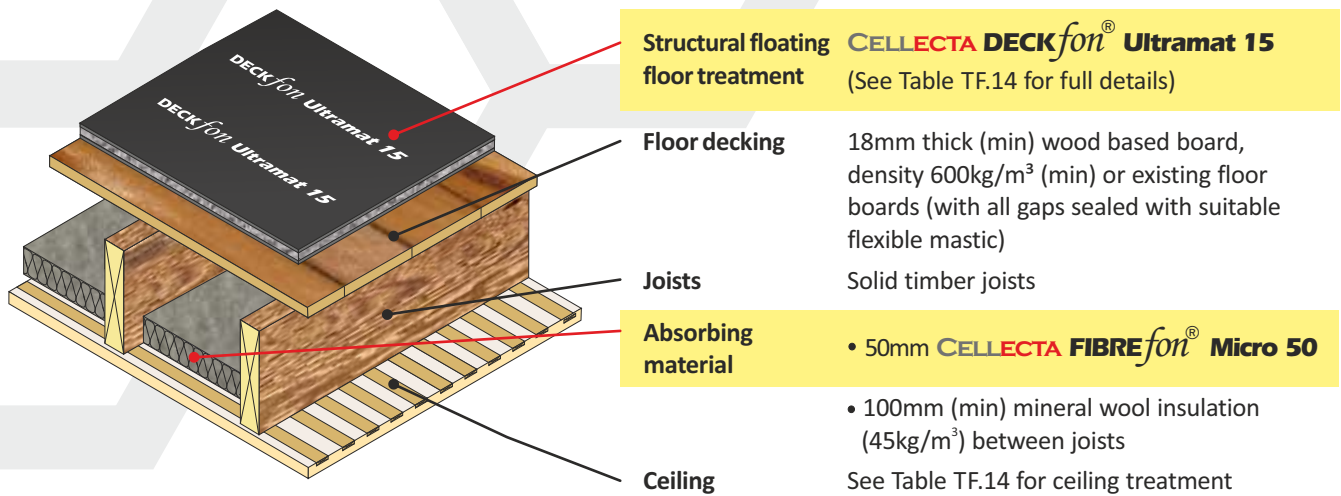


Fig. TF.14

FASTRACKCAD
ARCHITECTURAL CAD DATABASES

NSPlus

Table TF.14

Installation options	Ceiling treatment options
<p>Structural composite treatment laid directly on floor joists</p> <p>DECKfon® Ultramat 15 High density composite acoustic overlay mat Dimensions: 15mm x 600mm or 1200mm x 1200mm Weight: 15kg/m² / 10.8 or 21.6kg per mat</p> <p>YELOfon® ES5/15 Perimeter edge strip Dimensions: 5mm x 15mm x 50mm</p>	<p>Ceiling treatment Plaster and lath ceiling with minimum mass of 16kg/m², fixed directly to floor joists.</p>
<p>Structural composite treatment laid directly on floor joists</p> <p>DECKfon® Ultramat 15 High density composite acoustic overlay mat Dimensions: 15mm x 600mm or 1200mm x 1200mm Weight: 15kg/m² / 10.8 or 21.6kg per mat</p> <p>YELOfon® ES5/50 Perimeter edge strip Dimensions: 5mm x 15mm x 50mm</p>	<p>Ceiling boards must not penetrate or touch joists 16mm (min) metal resilient bars mounted at right angles to the joist at 400mm centres.</p> <p>Ceiling treatment Two layers of gypsum-based board, composed of 15mm (nominal 12.5kg/m²) fixed with 25mm screws and a second layer of 15mm (nominal 12.5kg/m²) fixed with 42mm screws, with all joists staggered.</p>

Acoustic Performance

Airborne: 51dB $D_{nT,w} + C_{tr}$

Impact: 55dB $L_{nT,w}$

Performance data quoted was conducted in a UKAS accredited laboratory in accordance with Approved Document E: Annex B: Procedures for sound insulation testing.
Airborne results tested in accordance with BS EN ISO 140-3:1995
Impact results tested in accordance with BS EN ISO 140-6: 1998

Third Party Accreditation and Approvals



ISO 9001: 2004

Environmental Credentials



Code Credits

