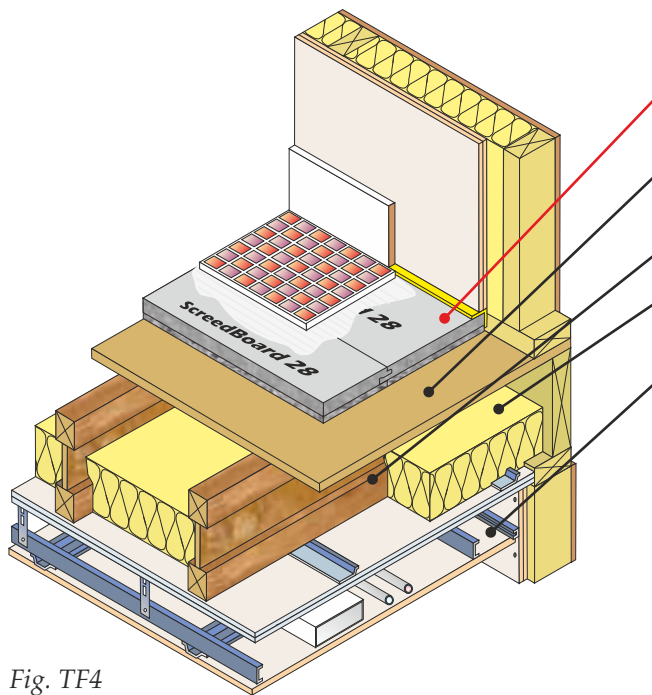


Collecta **ScreedBoard® 28** laid on timber sub-floor

Timber I-joists

Use with timber frame walls only



Floating floor treatment	CELLECTA ScreedBoard® 28 (See Table TF4 for full details)
Floor decking	15 ⁽¹⁾ mm thick (min) wood based board, density 600kg/m ³ (min)
Joists	240mm (min) timber I-joists
Absorbing material	100mm (min) quilt insulation (10-36kg/m ³) between joists
Ceiling	See Table TF4 for ceiling treatment

⁽¹⁾18mm(min) required for Robust detail applications

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Fig. TF4

Table TF4

	Perimeter resilient flanking strip required	Ceiling treatment									
<p>ScreedBoard® 28 High density composite resilient overlay treatment</p> <p>Additional layers required to complete treatment</p> <ul style="list-style-type: none"> Mineral wool quilt laid between joists - 100mm (min) 10-33kg/m³ <p>No need for screws Interlocking edges glued together with <i>Collecta SB</i> joint adhesive</p> <p>Product information Board dimensions: 28mm x 600mm x 1200mm Edge profile: Interlocking tongue & groove Weight: 26.00kg/m² / 18.72kg per board CELLECTA SB joint adhesive: 1L to every 33m² of boards</p> <table border="1"> <tr> <td>Robust Detail mean performance</td> <td>Typical PCT performance ⁽²⁾</td> <td>Code credits*</td> </tr> <tr> <td>$D_{nT,w} + C_{tr} = 51\text{dB}$</td> <td>$D_{nT,w} + C_{tr} = 51\text{dB}$</td> <td>Mat 1 Pol 1 Hea 2</td> </tr> <tr> <td>$L_{nT,w} = 55\text{dB}$</td> <td>$L_{nT,w} = 55\text{dB}$</td> <td>2 1 3</td> </tr> </table> <p>Benefits of ScreedBoard 28 over an acoustic batten system (FFT1)</p> <ul style="list-style-type: none"> Grey dry screed finish Only 28mm thick Reduces number of brick courses required Able to accept ceramic tiles Only one component to install (+ edge strip) Interlocking edge detail - no screws req'd Weights only 18.72kg per board (0.72m³) Weights less per/m² than FFT1 treatment No need to employ a specialist contractor Quick and easy to install 	Robust Detail mean performance	Typical PCT performance ⁽²⁾	Code credits*	$D_{nT,w} + C_{tr} = 51\text{dB}$	$D_{nT,w} + C_{tr} = 51\text{dB}$	Mat 1 Pol 1 Hea 2	$L_{nT,w} = 55\text{dB}$	$L_{nT,w} = 55\text{dB}$	2 1 3	<p>YELOfon® FS50 Pre-formed polyethylene foam flanking angle: 6 mm x 50mm x 30mm x 2m installed around the perimeter of the flooring board to isolate the floor from walls and skirting.</p>	<p>Ceiling board fixings must not penetrate or touch the floor joists 16mm (min) metal resilient bars mounted at right angles to the joist at 400mm centres.</p> <p>Primary ceiling: CT1-Two layers of gypsum-based board, composed of 19mm (nominal 13.5kg/m²) fixed with 32mm screws and 12.5mm (nominal 10kg/m²) fixed with 42mm screws, with all joists staggered. CT2-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> <p>Sacrificial ceiling: Metal ceiling system with a 150mm (min) void fixed to underside of primary ceiling. One layer of nominal 8kg/m² gypsum based board.</p> <p>Construction notes Services must not puncture primary ceiling lining (except cables, which should be sealed with flexible sealant)</p>
Robust Detail mean performance	Typical PCT performance ⁽²⁾	Code credits*									
$D_{nT,w} + C_{tr} = 51\text{dB}$	$D_{nT,w} + C_{tr} = 51\text{dB}$	Mat 1 Pol 1 Hea 2									
$L_{nT,w} = 55\text{dB}$	$L_{nT,w} = 55\text{dB}$	2 1 3									

* Code for Sustainable Homes (CSH) credits quoted are typical. Mat 1 value taken from the BRE Green Guide. Pol 1 credit is only awarded if all the other insulation products used have a GWP of <5. Hea 2 credits are based on the floor being pre-completion tested and the separating wall performing to at least the same acoustic standard. Credits subject to relevant category weighted value. See page 5 for further information.

Acoustic values

⁽²⁾Values quoted are typical, based on the treatment being installed correctly and pre-completion

tested.

Airborne performance tested in accordance with BS EN ISO 140-4:1998
Impact performance tested in accordance with BS EN ISO 140-7: 1998