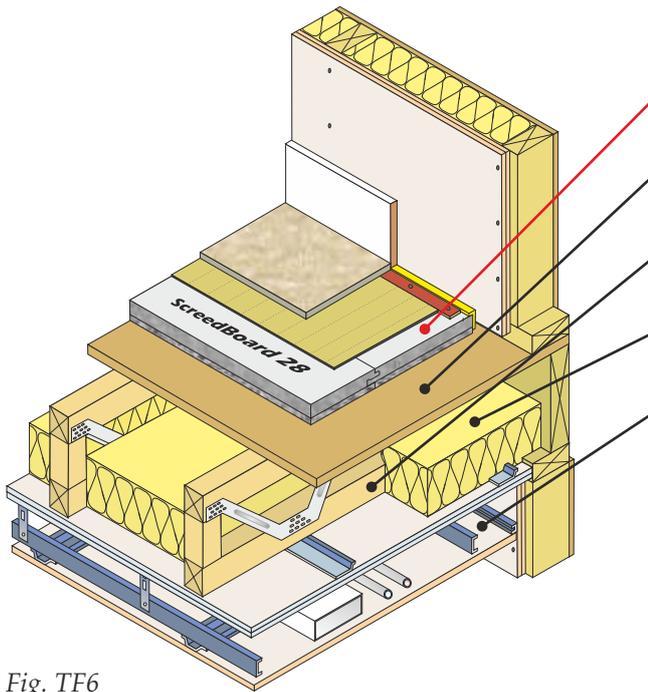


# Structural separating floor - Timber

## Robust detail E-FT-6

Collecta **ScreedBoard® 28** laid on timber sub-floor  
 MiTeK Posi-Joist, Prestaplan Presweb metal web joists  
 Use with timber frame walls only



<b>Floating floor treatment</b>	<b>CELLECTA ScreedBoard® 28</b> (See Table TF6 for full details)
<b>Floor decking</b>	15 <sup>(1)</sup> mm thick (min) wood based board, density 600kg/m <sup>3</sup> (min)
<b>Joists</b>	253mm (min) Posi-Joist, PresWeb metal web joists <sup>(2)</sup>
<b>Absorbing material</b>	100mm (min) quilt insulation (10-36kg/m <sup>3</sup> ) between joists
<b>Ceiling</b>	See Table TF6 for ceiling treatment

<sup>(1)</sup>18mm(min) required for Robust detail applications  
<sup>(2)</sup>Alternative joist may be used but will be subject to pre-completion testing

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Fig. TF6

Table TF6

Robust detail E-FT-6 floating floor treatment	Perimeter resilient flanking strip required	Ceiling treatment										
<p><b>ScreedBoard® 28</b>                      High density composite resilient overlay treatment</p> <p><b>Additional layers required to complete treatment</b></p> <ul style="list-style-type: none"> <li>Mineral wool quilt laid between joists - 100mm (min) 10-33kg/m<sup>3</sup></li> </ul> <p><b>No need for screws</b>                      Interlocking edges glued together with <b>CELLECTA SB</b> joint adhesive</p> <p><b>Product information</b>                      Board dimensions: 28mm x 600mm x 1200mm                      Edge profile: Interlocking tongue &amp; groove                      Weight: 26.00kg/m<sup>2</sup> / 18.72kg per board                      CELLECTA SB joint adhesive: 1L for every 33m<sup>2</sup> of boards</p> <p><b>Robust Detail mean performance</b></p> <table border="1"> <tr> <td><math>D_{nT,w} + C_{tr} = 52\text{dB}</math></td> </tr> <tr> <td><math>L_{nT,w} = 55\text{dB}</math></td> </tr> </table> <p><b>Typical PCT performance<sup>(2)</sup></b></p> <table border="1"> <tr> <td><math>D_{nT,w} + C_{tr} = 52\text{dB}</math></td> </tr> <tr> <td><math>L_{nT,w} = 55\text{dB}</math></td> </tr> </table> <p><b>Code credits*</b></p> <table border="1"> <tr> <td>Mat 1</td> <td>Pol 1</td> <td>Hea 2</td> </tr> <tr> <td>2</td> <td>1</td> <td>3</td> </tr> </table> <p><b>Benefits of ScreedBoard 28 over an acoustic batten system (FFT1)</b></p> <ul style="list-style-type: none"> <li>Grey dry screed finish</li> <li>Only 28mm thick</li> <li>Reduces number of brick courses required</li> <li>Able to accept ceramic tiles</li> <li>Only one component to install (+ edge strip)</li> <li>Interconnecting edge detail - no screws req'd</li> <li>Weights only 18.72kg per board (0.72m<sup>2</sup>)</li> <li>Same weight/m<sup>2</sup> as FFT1 treatment</li> <li>No need to employ a specialist contractor</li> <li>Quick and easy to install</li> </ul>	$D_{nT,w} + C_{tr} = 52\text{dB}$	$L_{nT,w} = 55\text{dB}$	$D_{nT,w} + C_{tr} = 52\text{dB}$	$L_{nT,w} = 55\text{dB}$	Mat 1	Pol 1	Hea 2	2	1	3	<p><b>YELOfon® FS50</b>                      Pre-formed polyethylene foam flanking angle: 6mm x 50mm x 30mm x 2m placed around the perimeter of the flooring board to isolate floor from walls and skirting.</p>	<p><b>Ceiling board fixings must not penetrate or touch the floor joists</b>                      16mm (min) metal resilient bars mounted at right angles to the joist at 400mm centres.</p> <p><b>Primary ceiling:</b>  <b>CT1</b>-Two layers of gypsum-based board, composed of 19mm (nominal 13.5kg/m<sup>2</sup>) fixed with 32mm screws and 12.5mm (nominal 10kg/m<sup>2</sup>) fixed with 42mm screws, with all joists staggered.</p> <p><b>CT2</b> -Two layers of gypsum-based board, composed of 15mm (nominal 12.5kg/m<sup>2</sup>) fixed with 25mm screws and a second layer of 15mm (nominal 12.5kg/m<sup>2</sup>) fixed with 42mm screws, with all joists staggered.</p> <p><b>Sacrificial ceiling:</b>                      Metal ceiling system with a 150mm (min) void fixed to underside of primary ceiling. One layer of nominal 8kg/m<sup>2</sup> gypsum based board.</p> <p><b>Construction notes</b>                      Services must not puncture primary ceiling lining (except cables, which should be sealed with flexible sealant).</p>
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