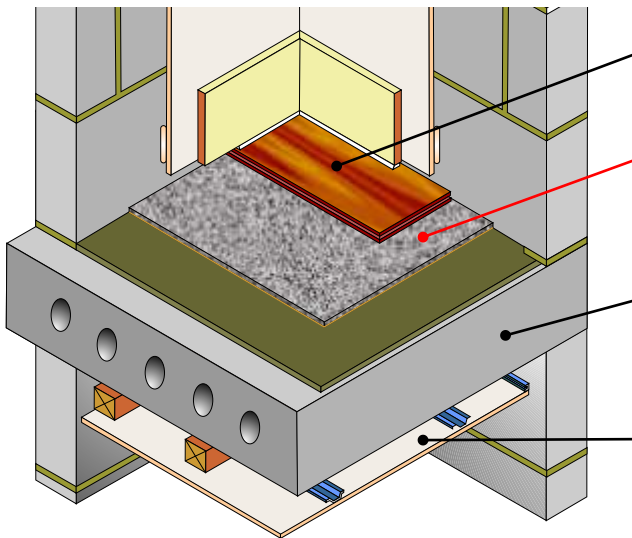


Soft floor covering fully bonded to structural concrete floor  
 Suitable for Floor type 1<sup>(a)</sup> and Floor type 2<sup>(b)</sup>



<b>Floor finish</b> (installed after acoustic testing)	Carpet Wooden flooring Ceramic tiles <sup>(c)</sup>
<b>Resilient layer</b>	DECKfon Ultralay 3/5 fully bonded to the concrete floor slab with Collecta AF200 concrete adhesive (See Table CF10 for full details)
<b>Structural floor</b>	<ul style="list-style-type: none"> <li>150mm (min) pre-cast concrete floor plank slab, with 10mm (min) bonded screed</li> <li>300kg/m<sup>2</sup> (min) mass per unit area</li> </ul>
<b>Ceiling</b>	See Table CF8 for ceiling treatment options

Fig. CF8 shows DECKfon Ultralay 5 covered with wooden flooring



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Table CF8

PCT resilient layer installation options	Perimeter resilient flanking strip required	Ceiling treatment options
<p><b>DECKfon<sup>®</sup> Ultralay 3</b> <b>0 GWP</b>                      High density soft floor covering</p> <p><b>Typical PCT performance<sup>(a)</sup></b>  <math>Rw + C_{tr} = 55dB</math>  <math>L_{n,w} = 57dB</math>  <math>\Delta L_w = 22dB</math></p> <p><b>Code credits*</b>                      Pol 1 Hea 2                      1 3</p> <p><b>Product information</b>                      3mm weight: 0.74kg/m<sup>2</sup>                      Product dimensions: see page 60                      Collecta AF200 concrete adhesive: 15kg tub/ 22.5m<sup>2</sup> coverage</p> <p><b>Notes</b>                      Collecta AF200 concrete adhesive (required when using Ultralay 3)</p>	<p><b>No edge strip required</b></p>	<p><b>Any ceiling system including:</b></p> <p><b>Timber battens &amp; counter battens</b>                      100mm (min)</p> <p><b>Timber battens &amp; metal resilient bars</b>                      65mm (min)</p> <p><b>Metal frame ceiling system (CT1, 2 or 3)</b>                      Any metal frame ceiling system providing 100mm (min) ceiling void</p> <p>One layer of nominal 8kg/m<sup>2</sup> (min) gypsum-based board</p>
<p><b>DECKfon<sup>®</sup> Ultralay 5</b> <b>0 GWP</b>                      High performance soft floor covering</p> <p><b>Typical PCT performance<sup>(a)</sup></b>  <math>Rw + C_{tr} = 55dB</math>  <math>L_{n,w} = 47dB</math>  <math>\Delta L_w = 31dB</math></p> <p><b>Code credits*</b>                      Pol 1 Hea 2                      1 4</p> <p><b>Product information</b>                      5mm weight: 1.25kg/m<sup>2</sup>                      Product dimensions: see page 60                      Collecta AF200 concrete adhesive: 15kg tub/ 22.5m<sup>2</sup> coverage</p> <p><b>Notes</b>                      Collecta AF200 concrete adhesive (required when using Ultralay 5)</p>	<p><b>No edge strip required</b></p>	<p><b>Notes</b>                      (a) Floor type 1: Concrete base with ceiling and soft floor covering.                      (b) Suitable for improving the acoustic performance of Floor type 2: Concrete base with ceiling and floating layer.                      (c) Ceramic tile must be a minimum 150mm x 150mm (min).</p>

\* 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**  
<sup>(a)</sup> Test data quoted has been 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  $\Delta L_w$  measured in accordance with BS EN ISO 140-8: 1998 dB values quoted do not include the additional benefit of a ceiling treatment.