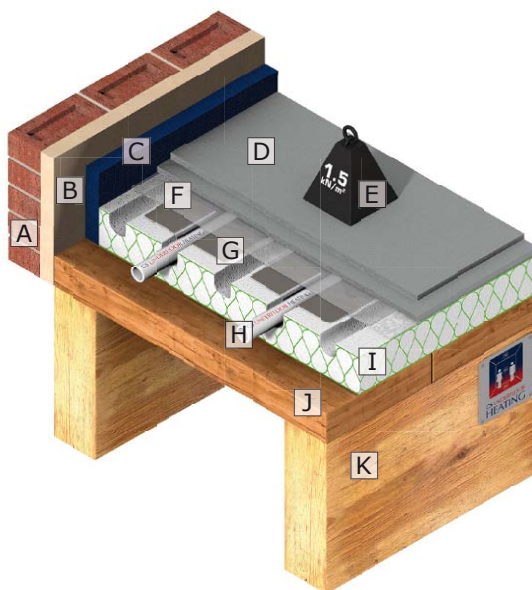


Table CF2b

Treatment used as a PCT Solution

Robust detail E-FC-2 compliant floating floor treatment options	Construction detail	Robust detail performance ⁽¹⁾	Perimeter edge strip required	Typical PCT performance ⁽²⁾						
FFT4 - Resilient overlay platform floor system ScreedBoard® 28 High density acoustic composite overlay board ScreedBoard® 20 High density interlocking floor board Option 1: Underfloor heating thermal board Routed CELLECTA XFLOOR 250 High performance extruded polystyrene boards Option 2: Routed or moulded expanded polystyrene (EPS) panel FIBRE fon® 8 Recycled resilient layer	CSH credits* <table border="1"> <tr> <td>Mat 1</td> <td>Pol 1</td> <td>Hea 2</td> </tr> <tr> <td>0.5</td> <td>1</td> <td>4</td> </tr> </table>	Mat 1	Pol 1	Hea 2	0.5	1	4	$rd \leftrightarrow L_w = 24dB$ 	YELO fon® FS50 Pre-formed polyethylene flanking angle: 6mm (t) x 30mm (w) x 50mm (h) x 2m placed around the perimeter of the flooring board to isolate floor from walls and skirting.	$D_{st,w} + C_{tr} = 55dB$ $L_{st,w} = 46dB$
		Mat 1	Pol 1	Hea 2						
0.5	1	4								
YELO fon® ES5/100 Polyethylene foam flanking strip: 5mm (t) x 100mm (h) x 50m (l) placed around the perimeter of the flooring board to isolate floor from walls and skirting.	$D_{st,w} + C_{tr} = 55dB$ $L_{st,w} = 46dB$									
FFT5 - Resilient overlay shallow platform floor system FIBRE fon® 12C, 21C, 28C Note No services to be installed in the floor system	CSH Credits* <table border="1"> <tr> <td>Mat 1</td> <td>Pol 1</td> <td>Hea 2</td> </tr> <tr> <td>1</td> <td>1</td> <td>3</td> </tr> </table>	Mat 1	Pol 1	Hea 2	1	1	3	$12 = rd \leftrightarrow L_w = 21dB$	YELO fon ES5/60 Polyethylene foam flanking strip: 5mm (t) x 60mm (h) x 50m (l)	$D_{st,w} + C_{tr} = 52dB$ $L_{st,w} = 49dB$
		Mat 1	Pol 1	Hea 2						
		1	1	3						
$21 = rd \leftrightarrow L_w = 18dB$	YELO fon ES5/60 Polyethylene foam flanking strip: 5mm (t) x 60mm (h) x 50m (l)	$D_{st,w} + C_{tr} = 53dB$ $L_{st,w} = 52dB$								
$28 = rd \leftrightarrow L_w = 21dB$	YELO fon FS30 Pre-formed polyethylene flanking angle: 6mm (t) x 30mm (w) x 30mm (h) x 2m	$D_{st,w} + C_{tr} = 53dB$ $L_{st,w} = 49dB$								



Floating Floor System

- A Outside wall
- B Plasterboard
- C Edge insulation
- D Fermacell flooring (20/25mm)
- E Floor point loading
- F Damp proof membrane
- G Heat defuser plate
- H Underfloor heating pipe
- I H/D Insulation (25mm)
- J Floor boards
- K Joists

* 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

⁽¹⁾ RD impact performance values quoted were conducted at Sound Research Laboratories, Sudbury, UKAS ref. 0444 in accordance with BS EN ISO 140-6: 1998 and rated in accordance with BS ISO 717-2: 1997 as detailed in Appendix D of the Robust details handbook (minimum value required $rd \cdot L_w = 17dB$).

⁽²⁾ Values quoted are typical, based on the treatment being installed correctly and pre-completion tested, with airborne performance tested in accordance with BS EN ISO 140-4:1998 and impact performance tested in accordance with BS EN ISO 140-7: 1998.