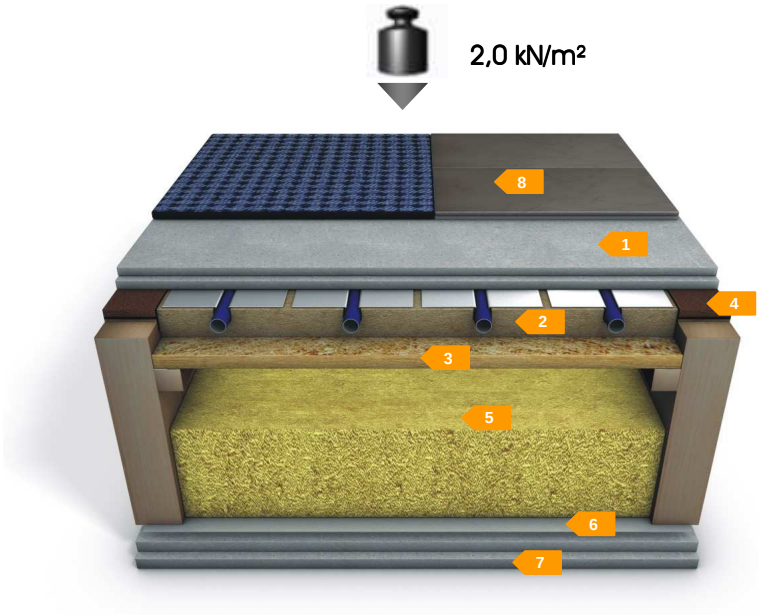
Construction ID – Fermacell BJ Part E

JUPITER

For tile, stone & carpet

Fermacell 2E11

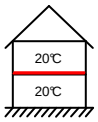
System IDEAL ECO



1. 20mm Fermacell 2E11
2. *JUPITER* 30mm IDEAL ECO element 150 kPa
3. Supporting ply (pref. 18mm) on battens
4. *JUPITER* 9mm acoustic wood fibre strip
5. Mineral wool (min. 100 kg/m³)
6. Resilient ceiling bar
7. 2 layers of 10mm gypsum board
8. Tile, stone or carpet floor finish

Construction height * 28 mm

Technical Data | Construction suitable for floors between rooms of equal temperature

* Construction height	mm	28	Height ex. floor finish from original joist height
Weight	kg/m²	31	For items 1 & 2
Thermal resistance R	m²K/W	3.60	For items 2 & 5
Heat exchange coefficient	W/m²K	1,09	
Design load	kN/m²	2,0	
Point load (≥ 20cm²)	kN	≤1,5	
Impact sound reduction	dB	-	Meets Part E – subject to on site testing
Area of application Floors with rooms of equal temperature above & below Rmin=0,75 m²K/W 	This construction is valid for floor constructions located between rooms heated to equal or similar temperature. No further insulation is required to meet Part L requirements. Supporting ply should be screwed to battens. Strip of silicon or mastic should be applied between supporting ply and floor joist to assist acoustic performance		
Specific installation requirements	Maximum tile size restricted to 300 x 300mm. For larger format use Screed Replacement Tile. Please contact *JUPITER* for specific advice.		