



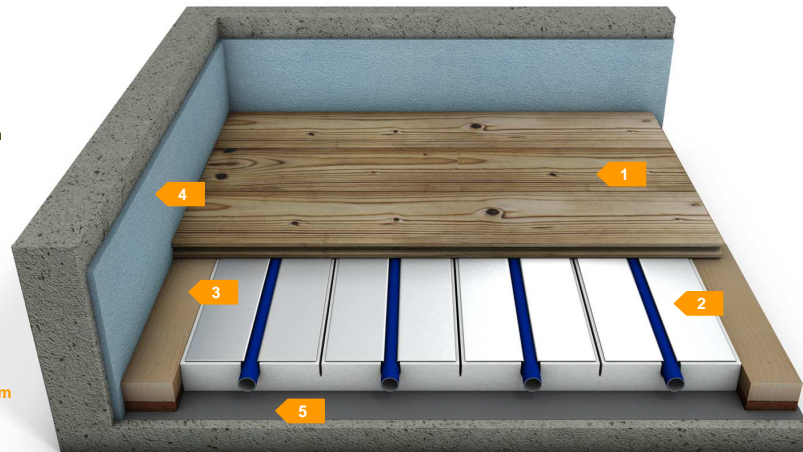
■ Solid timber on support battens

Direct installation

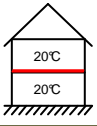
□ System IDEAL EPS



- 1 Solid timber floor boards ≤22mm
 - 2 System element EPS+ pipe 30mm
 - 3 Support batten (30mm)
 - 4 Perimeter insulation
 - 5 Moisture barrier where required
- Construction height ≤52mm



Technical Data Construction suitable for floors between rooms of equal temperature

Construction height	mm	≤52	Height including floor finish
Weight	kg/m²	~18	Weight including floor finish
Thermal resistance R	m²K/W	0,86	Minimum requirement achieved
Heat exchange coefficient	W/m²K	0,97	
Live design load	kN/m²	≤2,0	
Point load (≥ 20cm²)	kN	≤2,0	
Impact sound reduction	dB	-	
Area of application Floors with rooms of equal temperature above & below $R_{min}=0,75 \text{ m}^2\text{K/W}$ 	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. For ground floor installation refer to construction C70.		
Specific installation requirements	Substrate must be solid, level and flat so that the heating elements can lie flat. Tolerance required as per DIN 18202 table 3, group 4. It is recommended that although timber boards may be secret nailed to the battens, battens should not be fixed. It is recommended that building paper is laid under non t&g timber to disguise the aluminium plates from showing through shrinkage gaps.		