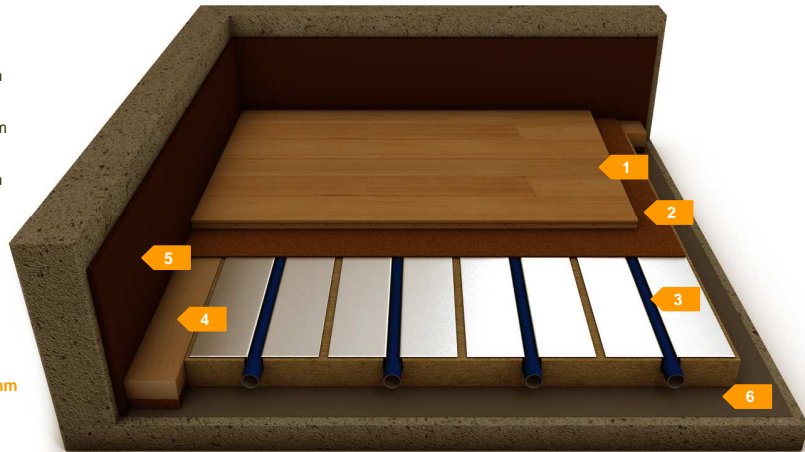




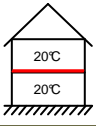
- **Engineered timber board**
- **Direct Installation**
- **System IDEAL ECO**



- 1 Engineered board ≥ 14 mm
 - 2 Underlay or acoustic layer 2mm
 - 3 System element ECO + pipe 30mm
 - 4 Perimeter support batten
 - 5 Perimeter insulation ECO
 - 6 Moisture barrier (if required)
- Construction height** 44mm



Technical Data Construction suitable for floors between rooms of equal temperature

Construction height	mm	44	Height with floor finish
Weight	kg/m²	~18	Weight without floor finish
Thermal resistance R	m²K/W	0,75	
Heat exchange coefficient	W/m²K	1,09	
Live design load	kN/m²	≤2,0	
Point load (≥ 20cm²)	kN	≤2,0	
Impact sound reduction	dB	21	Valid on concrete floors >12cm (DIN EN 4109: m² > 276kg/m²)
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 installations please see construction C52.		
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.		