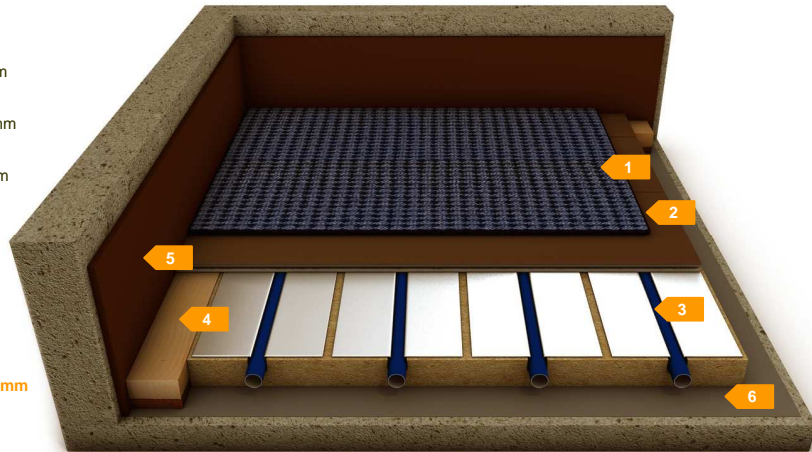




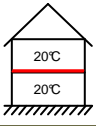
- Carpet / vinyl / linoleum
- StrongBoard TK
- System IDEAL ECO



- 1 Carpet / vinyl / linoleum ≥5mm
 - 2 StrongBoard TK 10mm
 - 3 System element ECO + pipe 30mm
 - 4 Perimeter support batten
 - 5 Perimeter insulation ECO
 - 6 Moisture barrier (if required)
- Construction height ≥45mm



Technical Data Construction suitable for floors between rooms of equal temperature

Construction height	mm	≥45	Height with floor finish
Weight	kg/m²	~20	Weight with 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	≥ 22	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 insulation requirements please see construction C56-FL.		
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. Minimum natural stone thickness 10mm. Maximum ceramic tile size 400 x 600 mm. See Installation Guide Sheet for further detailed information.		