



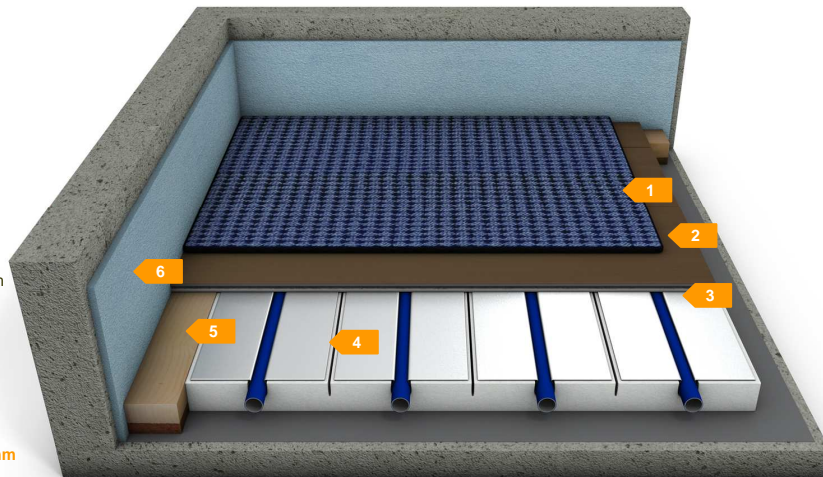
■ Carpet

StrongBoard TK™

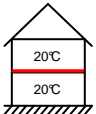
□ System IDEAL EPS



- 1 Carpet 5 mm
  - 2 StrongBoard TK 10 mm
  - 3 Moisture barrier (if required)
  - 4 IDEAL EPS System element 30mm
  - 5 Support batten (30mm)
  - 6 Perimeter insulation
- Construction height ≥ 45mm



Technical Data Construction suitable for floors between rooms of equal temperature

Floor finish	mm	≥5	Carpet
Weight	kg/m²	~15	Excluding floor finish
Thermal resistance R	m²K/W	0,86	
Heat exchange coefficient	W/m²K	0,97	
Live design load	kN/m²	≤2,0	
Point load (≥ 20cm²)	kN	≤2,0	
Impact sound reduction	dB	20	Value based on concrete substrate >12 cm where Mass is >276 kg/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.		
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.  Due to lightweight nature of construction, IDEAL header elements should be adhered to substrate.  See StrongBoard TK installation guide for more detailed information.		