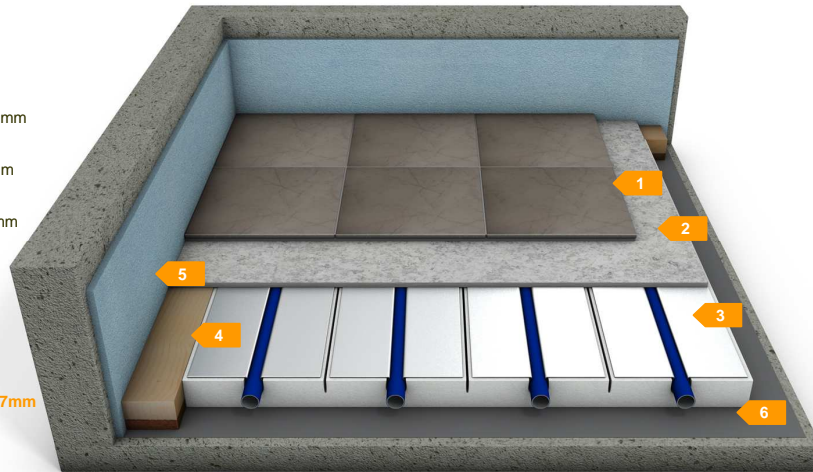




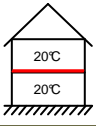
- Ceramic tile / natural stone
- StrongBoard FL™
- System IDEAL EPS



- 1 Tile / natural stone inc. adhesive ≥ 12mm
  - 2 StrongBoard FL 5mm
  - 3 System element EPS + pipe 30mm
  - 4 Perimeter support batten
  - 5 Perimeter insulation
- Construction height ≥ 47mm



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

Floor finish	mm	≥6	Min.thickness for stone 10mm, max. tile size 40 x 60 cm
Weight	kg/m²	~37	Including 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	18	Value based on concrete substrate >12 cm where Mass is >276 kg/m²
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.		
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. Restricted use on suspended floor constructions.  Due to lightweight nature of construction, IDEAL header elements should be adhered to substrate.  See StrongBoard installation guide for more detailed information.		