



Ceramic tile / natural stone

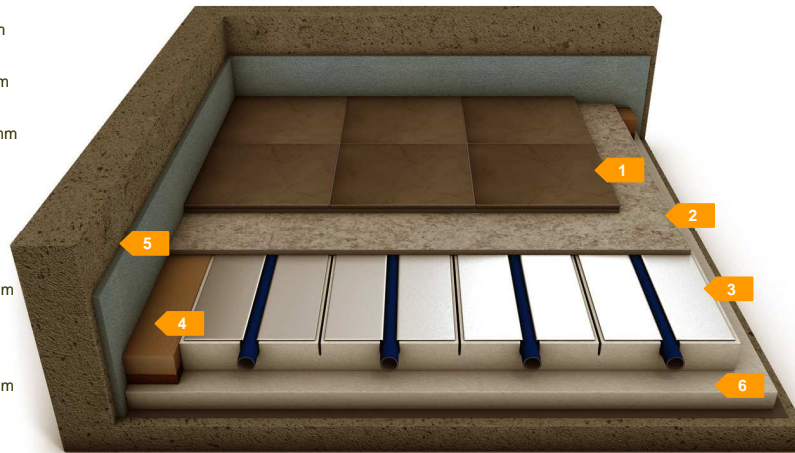
StrongBoard FL™

System IDEAL EPS

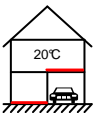


2,0 kN/m²

- 1 Ceramic tile / stone inc. adhesive ≥ 12mm
- 2 StrongBoard 5mm
- 3 System element EPS + pipe 30mm
- 4 Perimeter support batten
- 5 Perimeter insulation
- 6 Additional insulation (see below) 20mm
- Construction height 67mm



Technical Data Construction suitable for floors with significant heat loss below

Floor finish	mm	≥ 8	Min. stone thickness 10mm, max. tile size 40x60cm
Construction height	mm	120-145	Height includes floor finish
Weight	kg/m²	38	Weight including floor finish
Thermal resistance R *	m²K/W	1,43	
Heat exchange coefficient	W/m²K	0,63	
Live design load	kN/m²	2,0	
Point load (≥ 20cm²)	kN	≤2,0	
Impact sound reduction	dB	-	
Area of application Ground floors or floors located above unheated rooms such as garages 	* Suitable for refurbishment applications where current Part L requirements are not applicable.		
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 or 3mm over 1 m. Only adhesives in accordance to JUPITER specifications to be used. Due to lightweight nature of construction, IDEAL header elements should be adhered to substrate Additional insulation should be 20mm EPS 200 kPa, 40mm XPS 500 kPa Insulation of lower compressive strength not suitable.		