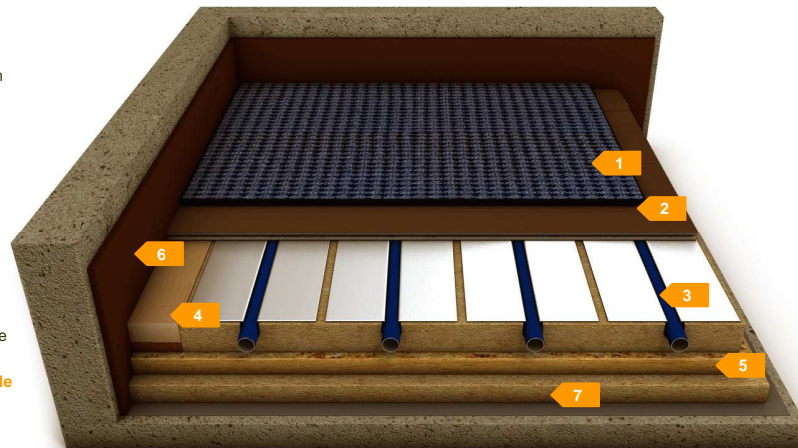




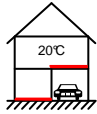
- Carpet / vinyl / linoleum
- StrongBoard TK
- System IDEAL ECO



- 1 Carpet / vinyl / linoleum ≥5mm
- 2 StrongBoard TK 10mm
- 3 System element ECO + pipe 30mm
- 4 Perimeter support batten
- 5 WBP ply or chipboard deck 18mm
- 6 IDEAL ECO perimeter insulation
- 7 Pavaboard, Rockfloor or similar variable
- Construction height variable



Technical Data Construction suitable for ground floor constructions

Construction height	mm	variable	Height dependant on primary insulation
Weight	kg/m²	35	Weight with floor finish
Thermal resistance R	m²K/W	variable	
Heat exchange coefficient	W/m²K	variable	
Live design load	kN/m²	≤2,0	
Point load (≥ 20cm²)	kN	≤1,0	
Impact sound reduction	dB	≥ 22	Valid on concrete floors >12cm (DIN EN 4109: m² > 276kg/m²)
Area of application Ground floors or floors located above unheated rooms such as garages 	This construction is suitable for ground floor constructions. Overall construction height and number of layers is critical in dry installed ground floor constructions. For further assistance please contact us.		
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. Please check with your provider of insulation to check compressive strength and insulation value to height ratio. High compressive strength is a prerequisite within dry installed constructions.		