



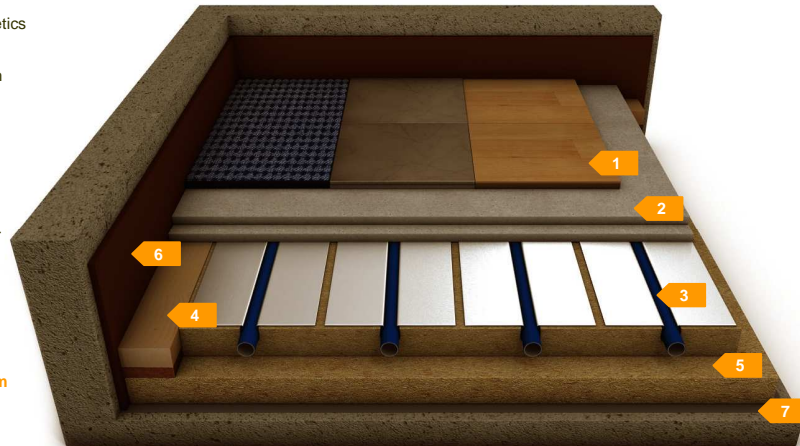
■ Carpet / Tiles / Timber / Laminates / Synthetics

Fermacell 2E22 / Dry Screed

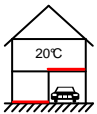
□ System IDEAL ECO



- 1 Carpet / Tiles / Timber / Laminates / Synthetics
  - 2 Fermacell 2E22 Flooring Element 25mm
  - 3 System element ECO + pipe 30mm
  - 4 Perimeter support batten
  - 5 Pavaboard, Rockfloor or similar 50mm+
  - 6 Perimeter insulation ECO
  - 7 Moisture barrier (if required)
- Construction height 50mm



Technical Data Construction suitable for ground floor constructions

Construction height	mm	105+	Height dependant on primary insulation
Weight	kg/m²	45	Weight without 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	≥ 28	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.		