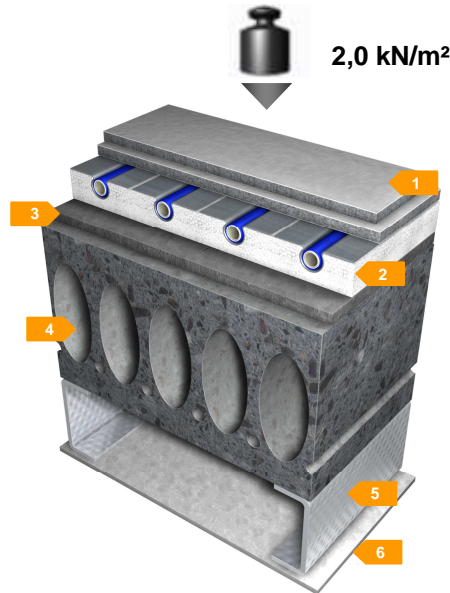


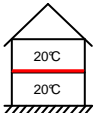


■ Carpet / Tiles / Timber / Laminates / Synthetics
 Fermacell 2E11 / Dry Screed
 □ System IDEAL EPS

- 1 Fermacell 2E11 flooring element 20mm
 - 2 System element EPS + pipe 30mm
 - 3 5mm levelling screed / compound
 - 4 200mm hollow core concrete plank
 - 5 MF suspended ceiling system
 - 6 Single layer 12mm with 6mm skim
- Construction height 50mm



Technical Data Construction suitable for floors between rooms of equal temperature

Construction height	mm	50	Height without floor finish
Weight	kg/m ²	28	Weight without floor finish (items 1&2)
Thermal resistance R	m ² K/W	0,86	
Heat exchange coefficient	W/m ² K	0,97	
Design load	kN/m ²	2,0	For higher design loads use 25mm Fermacell 2E22, Max. point load 3,0 kN
Point load (≥ 20cm ²)	kN	≤1,5	
Impact sound reduction	dB	≥ 14	Valid on concrete floors >12cm (DIN EN 4109: m ² > 276kg/m ²)
Area of application Floors with rooms of equal temperature above & below R _{min} =0,75 m ² 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. For ground floor insulation requirements please see additional information.		
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. For higher design loads apply an additional 10mm Fermacell flooring element to achieve 3,0 kN/m ² . Previous on site test results available upon request.		