Construction ID – A10

JUPITER

Carpet / Tiles / Timber / Laminates / Synthetics

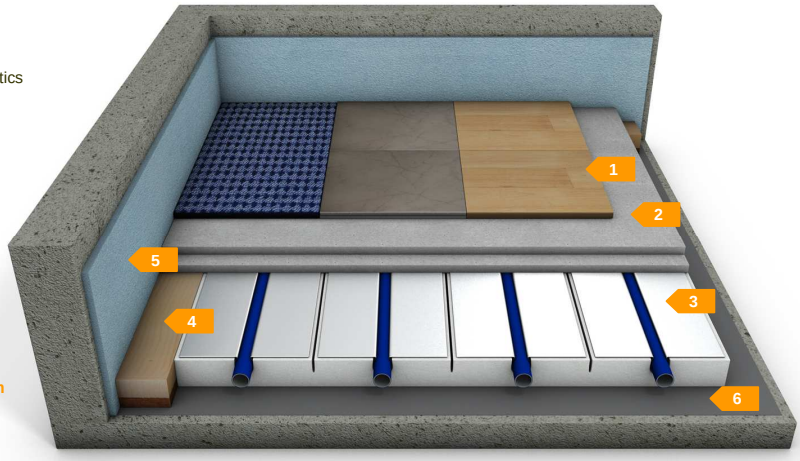
Fermacell 2E11 / Dry Screed

System IDEAL EPS

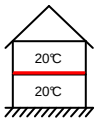
2,0 kN/m²

1 Carpet / Tiles / Timber / Laminates / Synthetics
2 Fermacell 2E11 Flooring Element 20mm
3 System element EPS + pipe 30mm
4 Perimeter support batten
5 Perimeter insulation
6 Moisture barrier

Construction height 50mm



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

Construction height	mm	50	Height without floor finish	
Weight	kg/m²	28	Weight without floor finish	
Thermal resistance R	m²K/W	0,86		
Heat exchange coefficient	W/m²K	0,97		
Live design load	kN/m²	2,0		For higher design loads use 25mm Fermacell 2E22, Max. point load 3,0 kN
Point load (≥ 20cm²)	kN	≤1,5		
Impact sound reduction	dB	≥ 14		Valid on concrete floors >12cm (DIN EN 4109: m² > 276kg/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. For ground floor installation see construction C10.			
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/m². Fermacell elements are glued & screwed / stapled together as a floating floor.			

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