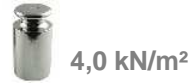


Construction ID – EPS-40G

JUPITER

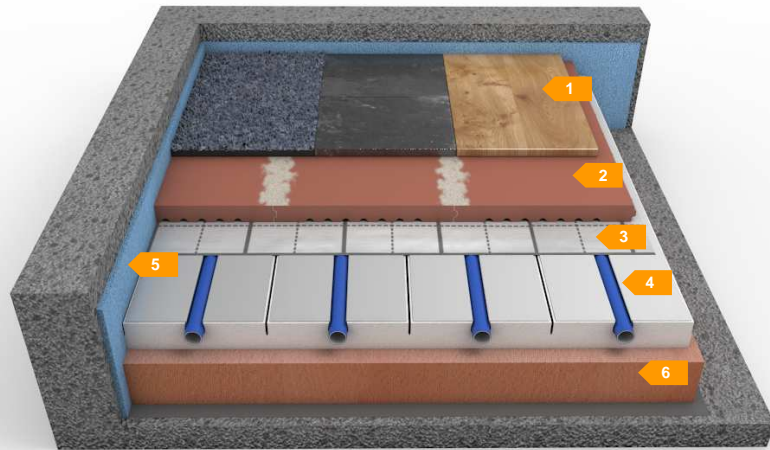


- Carpet / tiles / timber / laminates / synthetics
- Screed Replacement Tile
- System IDEAL EPS 240 kPa





- 1 Carpet, tile, timber, laminates, synthetics
- 2 Screed Replacement Tile 20mm
- 3 JUPITER System foil
- 4 JUPITER IDEAL EPS 30mm
- 5 Perimeter insulation
- 6 Primary insulation i.e. Kingspan

Construction height 100-150mm



Technical Data

Construction suitable for floors with significant heat loss below

Construction height*	mm	100-150	Height without floor finish
Weight*	kg/m ²	42-44	Weight without floor finish
Thermal resistance R**	m ² K/W	3,379	
Heat exchange coefficient	W/m ² K	0,17-0,21	
Uniform Distributed Load (UDL)	kN/m ²	4,0	
Point load (≥ 20cm ²)	kN	3,0	
Impact sound reduction	dB	-	
Area of application Ground floors or floors located above unheated rooms such as garages, basements etc. 			* Based on 50-100mm Kingspan Kooltherm K3 ** Based on Kingspan Kooltherm K3 and the additional properties of the JUPITER IDEAL 30mm element. The resistance does not include for thermal resistance offered by the ground conditions. For upper floor installation see construction EPS-30U.
Installation information Working in conjunction with 			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. Installation environment must be minimum +5°C SRT material format: 400mm x 180mm x 20mm Construction tested with Kingspan Kooltherm K3 ≤ 100mm