



■ Carpet / Tiles / Timber / Laminates / Synthetics

Screed Replacement Tile

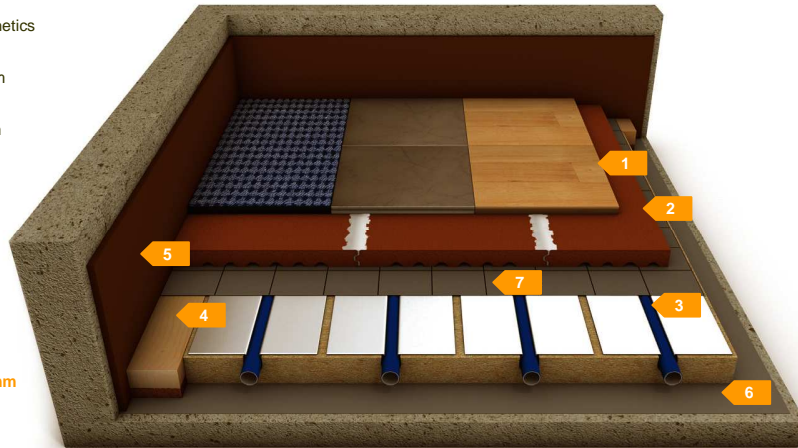
□ System IDEAL ECO



3,0 kN/m<sup>2</sup>

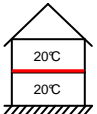
- 1 Carpet / Tiles / Timber / Laminates / Synthetics
- 2 Screed Replacement Tile            20mm
- 3 System element ECO + pipe        30mm
- 4 Perimeter support batten
- 5 Perimeter insulation ECO
- 6 Moisture barrier (if required)
- 7 Jupiter system foil

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 <sup>2</sup>	~46	Weight without floor finish
Thermal resistance R	m <sup>2</sup> K/W	0,75	
Heat exchange coefficient	W/m <sup>2</sup> K	1,09	
Live design load	kN/m <sup>2</sup>	≤3,0	
Point load (≥ 20cm <sup>2</sup> )	kN	≤2,0	
Impact sound reduction	dB	≥ 28	Valid on concrete floors >12cm (DIN EN 4109: m <sup>2</sup> > 276kg/m <sup>2</sup> )
Area of application  Floors with rooms of equal temperature above & below R <sub>min</sub> =0,75 m <sup>2</sup> 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 installation please see construction C54. Areas over 150m <sup>2</sup> possible without movement joints.		
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.  Tile and stone sizes up to 1000 x 1000mm acceptable. For other specific requirements please contact JUPITER direct.  See installation Guide Sheet for further detailed information.		