Construction ID – C58

JUPITER

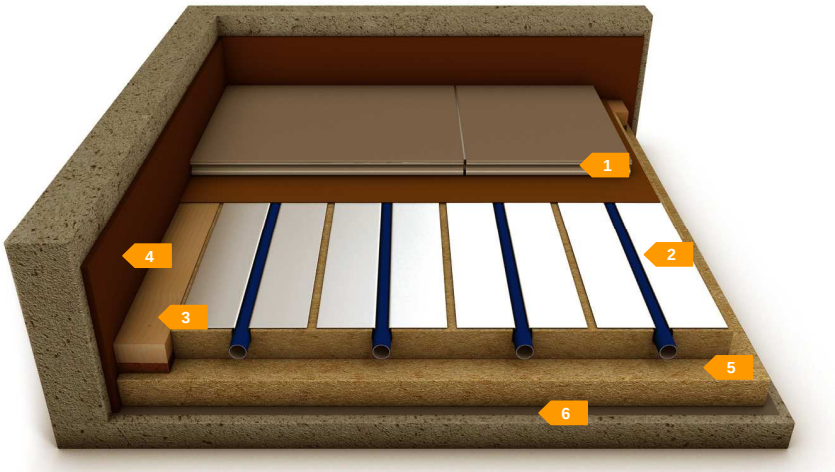
Screed Replacement Tile

Direct Installation

System IDEAL ECO

2,0 kN/m²

1	Screed Replacement Tile	20mm
2	System element ECO + pipe	30mm
3	Perimeter support batten	
4	IDEAL ECO perimeter insulation	
5	Pavaboard, Rockfloor or similar	variable
6	Moisture barrier (if required)	
	Construction height	**variable**



Technical Data — **Construction suitable for ground floor constructions**

Construction height	mm	variable	Height dependant on primary insulation	
Weight	kg/m²	54	Weight with floor finish	
Thermal resistance R	m²K/W	variable		
Heat exchange coefficient	W/m²K	variable		
Design load	kN/m²	≤2,0		
Point load (≥ 20cm²)	kN	≤2,0		
Impact sound reduction	dB	≥ 29		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. Areas over 150m² possible without movement joints. 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.			

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