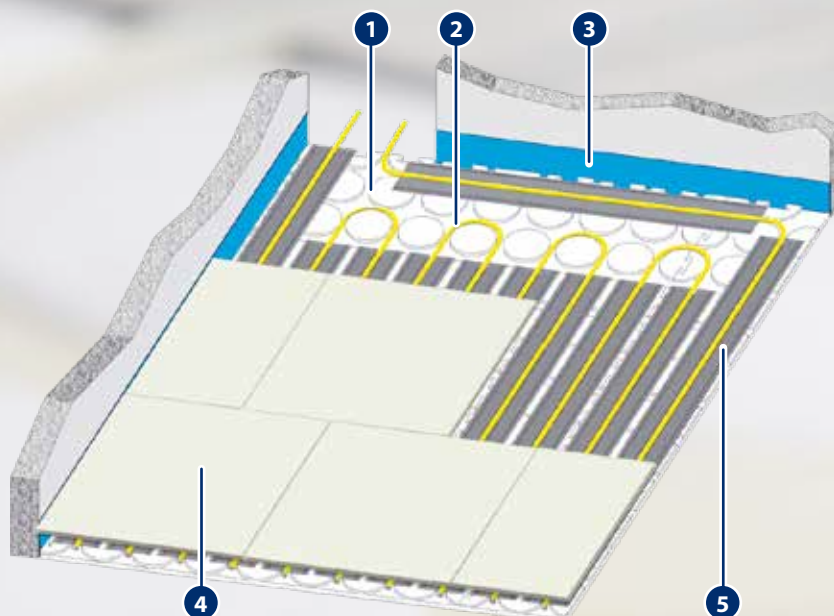


LOAD DISTRIBUTION LAYER MADE OF CALCIUM SILICATE



Tongue and groove board, thickness 9 mm, made of hydrated calcium-silicate matrix reinforced with special cellulose fibres and inorganic additives. Free from asbestos, inorganic fibres, gypsum, and other hydrated mineral matrix. Thermal conductivity 0.17 W/(m.K), compressive resistance 6 N/mm², density 950 Kg/m³.



- 1 DRY-TECH panel
- 2 PE-Xc pipe Ø 14-10
- 3 Edge insulation strip
- 4 Load distribution layer
- 5 Heat conducting diffusers

Size (mm)	Code
1200x1200x9	1202255

PROPERTIES	VALUE	UNIT	STANDARD
Board size	1200x1200	mm	
Nominal thickness	9	mm	
Bend strength (rupture - mean value with dry board)	8,5	N/mm ²	
Modulus of elasticity E (mean value with dry board)	6000	N/mm ²	
Compressive strength vertical to the plane of the board	6,0	N/mm ²	
Tensile strength (rupture - mean value with dry board)	3,5	N/mm ²	
Coefficient of thermal conductivity (approx. value)	0,17	W/mK	
Coefficient of thermal expansion	m/mK	9x10 ⁻⁶	
Reaction to fire	A1		UNI EN 13501-1
Nominal water content	6	%	
Coefficient of moisture expansion (from room humidity to water saturation)	≤0,1	%	
Moisture resistance	98	MNs/gm	
Surface PH	7÷10		
Density	950±10%	Kg/m ³	
Bend strength - Modulus of Rupture (MOR)	≥4,5	MPa	EN 12467
Compressive strength	9,3	MPa	ETAG 018-4 EN 826
Tensile strength vertical to the plane of the board	78	kPa	ETAG 018-4 EN 1607
Tensile strength parallel to faces	989	kPa	ETAG 018-4 EN 1608

