

Underfloor Heating on OSB-Boards



- Min. installation height: 25 mm [single layer]
- 10 mm x 1.3 mm PE-RT heating pipe
- Oxygen-tight in accordance with DIN 4726
- Installation spacing of heating pipes: 100 mm
- Weight: 11.3 kg/m² filled with water without levelling compound
- Dimensions of the milled OSB boards: LxWxH: 1,200 x 600 x 22 mm
- Max. operating temperature: 45°C. Limited by the OSB boards
- Installation with plug connectors
- Connection to conventional heating systems with RTL valve

Heating capacity [W/m²]

Floor covering	Thickness [mm]	Average heating water temperature* Thermal resistance [m ² K/W]**	Room temperature			
			30°C		35°C	
			20°C	24°C	20°C	24°C
Ceramic tiles	13	0,012	55	33	89	64
Marble	30	0,014	54	32	88	62
Natural stone tiles	20	0,017	43	31	86	61
Carpet		0,07 bis 0,17	44-30	24-17	66-42	45-30
Needle felt	6,5	0,12	33	19	52	37
Linoleum	2,5	0,02	50	29	83	58
Plastic flooring	3	0,015	54	32	87	62
PVC flooring	2	0,011	55	33	90	65
Strip parquet	22	0,105	35	21	53	39
Ready-made parquet	11	0,129	33	19	48	37
Laminate	9	0,044	46	28	75	55

* for FLEXIRO underfloor heating, a ΔT of 5K between flow and return is recommended.

** Data refer to the FLEXIRO system with an installation distance of the heating pipes of 10 cm. The actual heating output may vary depending on the floor covering, insulation or other influences. The heating capacities in the table therefore serve as orientation and do not necessarily coincide with the design in individual cases.