

Performance data underfloor heating system



- 17 mm construction height
- 10 mm x 1.3 mm PE-RT heating pipe
- Oxygen-tight according to DIN 4726
- Installation options: Clip rail or studded plate
- Minimum laying distance of the heating pipes: 100 mm
- Installation with plug-in connectors
- Connection to conventional heating systems with RTL boxes
- As a replacement or supplement to the radiator

Heating capacity [W/m²]

Floor covering	Thickness [mm]	Average heating water temperature* Thermal resistance [m ² K/W]**	30°C		35°C	
			Room temperature			
			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 and a levelling compound of 15 mm thickness. The actual heating capacity may vary depending on the floor covering, insulation or other influences. The performance data in the table therefore serve as orientation and are not performance data for the design in individual cases.

Installation instructions ➔