

## Floor installation

Direct laying of ready-made parquet | laminate



### Basic installation

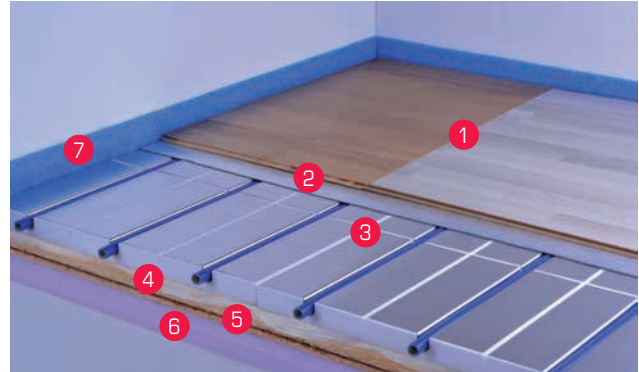
Advisable for upper floors and for lower installation heights



1 Parquet   Laminate	> 15 mm   ≥ 8 mm
2 CompactFloor® DIRECT 1.5	1.5 mm
3 QuickTherm system panel & MVR heating pipe	30 mm
4 Adhesive	
5 Edge insulation strips	
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Total installation height approx.	≥ 47   40 mm

### Extended installation with additional insulation

Advisable for the ground floor or cellar and for larger installation heights



1 Parquet   Laminate	> 15 mm   ≥ 8 mm
2 CompactFloor® DIRECT 1.5	1.5 mm
3 QuickTherm system panel & MVR heating pipe	30 mm
4 Adhesive	
5 OSB panel	15 mm
6 Additional insulation	20 mm
7 Edge insulation strips	
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Total installation height approx.	≥ 82   75 mm

Technical data	Basic installation	Extended installation
Heating circuit length	ø 80 – 90 m (~ 15 m²)   max. 110 m	
Additional heat insulation	20 – 60 mm XPS DEO (e. g. Styrodur)	
Weight	11 – 20 kg / m²	
Surface load   Point load	1.5 kN / m²   1.0 kN	1.5 kN / m²   1.0 kN
Minimum thermal conductivity resistance R	≥ 0.75 m²K / W ✓ DIN EN 1264: Floors in mezzanine floors	≥ 1.25 m²K / W ✓ DIN EN 1264: Floors on ground floors/cellars

### Important information

Base requirements (acc. DIN 18202 table 3, line 4)	Bases must be level, stable and able to take a load. Unevenness > 3 mm at 1 m length must be compensated.
Compensation of unevenness (according to degree of unevenness)	0 – 10 mm: Floor levelling paste 10 – 50 mm: Floor levelling paste, thin screed, dry filling From 40 mm: Bulk filling, light concrete
Special aspects	Fixing system panels to the base. Provide heavy furniture at edges or in corners with an additional support area (15 x 15 cm). Reinforce doorways and kitchen units with Stabi Fix. Parquet and laminate should be laid floating.

### Performance table

Floor covering	Room temperature	Heating water temperature							
		30°C		35°C		40°C		45°C	
		W / m <sup>2</sup>	ST	W / m <sup>2</sup>	ST	W / m <sup>2</sup>	ST	W / m <sup>2</sup>	ST
Floor covering <b>Parquet</b>	20 °C	31.6	22.9	48.0	24.4	64.3	25.9	80.5	27.5
	24 °C	18.2	25.7	34.9	27.2	51.3	28.7	67.5	30.3
Floor covering <b>Laminate</b>	20 °C	44.7	24.1	67.9	26.3	90.9	28.4	113.8	30.5
	24 °C	25.7	26.4	49.4	28.6	72.5	30.7	95.5	32.8

W / m<sup>2</sup> – system heating output  
ST – surface temperature

### Laying



### Sample laying plan

