

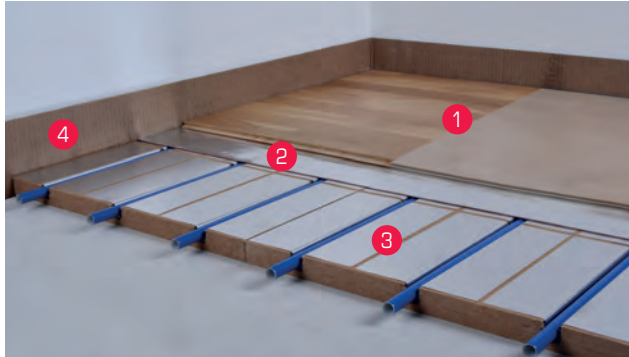
Floor installation

Direct laying of ready-made parquet | laminate



Basic installation

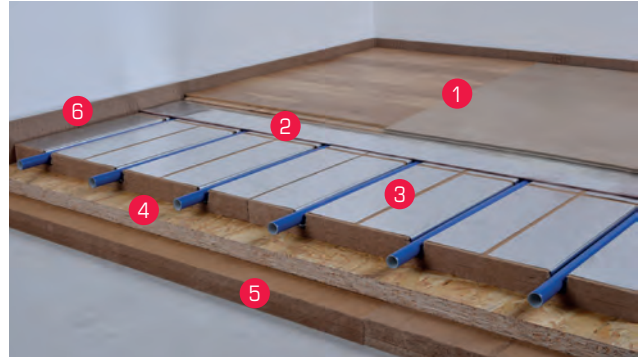
Advisable for upper floors and for lower installation heights



| | |
|---|------------------|
| 1 Parquet Laminate | > 15 mm ≥ 8 mm |
| 2 CompactFloor® DIRECT 1.5 | 1.5 mm |
| 3 GreenLine system panel + MVR heating pipe | 30 mm |
| 4 Edge insulation strips | |
| <hr/> | |
| 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 GreenLine system panel + MVR heating pipe | 30 mm |
| 4 OSB panel | 18 mm |
| 5 Additional insulation | 30 mm |
| 6 Edge insulation strips | |
| <hr/> | |
| Total installation height approx. | ≥ 95 88 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 wood fibre insulation ≥ 150 kPa | |
| Weight | 10 – 26 kg / m² (without floor covering) | |
| 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 (accord. 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 from 40 mm: Bulk filling, light concrete |
| Special aspects | Parquet and laminate should be laid floating. Provide heavy furniture at edges or in corners with an additional support area (15 x 15 cm). Reinforce door entrances and kitchen units with Stabi Fix. |

Performance table

| Floor covering | Room temperature | Heating water temperature | | | | | | | |
|-----------------------------------|------------------|---------------------------|------|--------------------|------|--------------------|------|--------------------|------|
| | | 30°C | | 35°C | | 40°C | | 45°C | |
| | | W / m ² | ST | W / m ² | ST | W / m ² | ST | W / m ² | ST |
| Floor covering Parquet | 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 Laminate | 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 / m² – System heating output
ST – Surface temperature

Installation



Sample laying plan

