K 45121

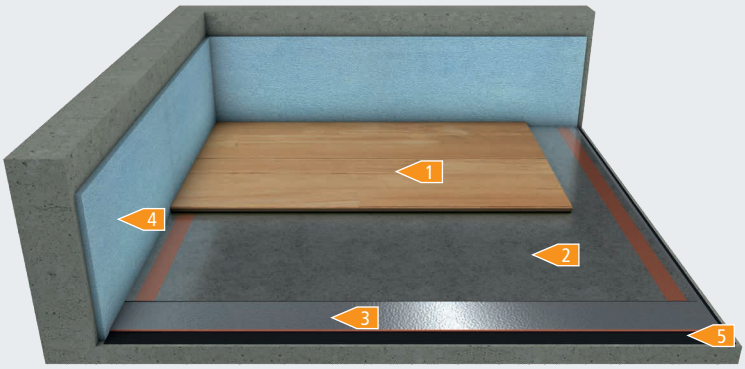
e:nergycarbon
energy efficient ceiling heating

Direct application of parquet / laminate

System E-NERGY CARBON PET

1	Parquet / Laminate (floating installation)	
2	E-NERGY CARBON PET	0.4 mm
3	Impact sound insulation / underlay e.g. CF DIRECT 1.5	1.5 mm
4	Edge insulation strips EPS | NEO	
5	Moisture barrier if necessary	

2 mm



Without additional thermal insulation

R 0.009 m²K / W	Trend-setting value depending on the footfall sound insulation
U 5.59 W / m²K	Heat transfer resistance R_{si}= 0.17 m²K/W considered
16 dB	Trend-setting value depending on the footfall sound insulation

2 kg / m²	without flooring
≤ 2.0 kN / m²	
≤ 2.0 kN	*≥ 20 cm²

Category	EN 1991	EN 1991/NA	SIA 261
	✓ A	✓ A2 A3	✓ A1
	–	✓ B1 D1	–
	–	–	–

Prepare level, clean, load-bearing substrate. Dry screeds and wood-based panels must always be laid in two layers and offset

Wooden beam ceilings must be torsion-resistant and deflection-free

For adhesive and product recommendations see material approvals

The technical values are indicative and depend on the manufacturer and the used materials can vary. The manufacturer's instructions and generally accepted rules of technology must always be observed.

Cutting edges at the head and foot ends as well as at recesses for protection against leakage currents (e.g. through an aluminium-coated underlay) completely with insulating adhesive tape according to the installation instructions.

Product data sheet: P45000

Status 05 | 2020 – Pay attention to all manufacturer details and laying instructions! © mfh systems GmbH – www.mfh-systems.com