



## Direct application of tiles

### System E-ENERGY CARBON FLEECE

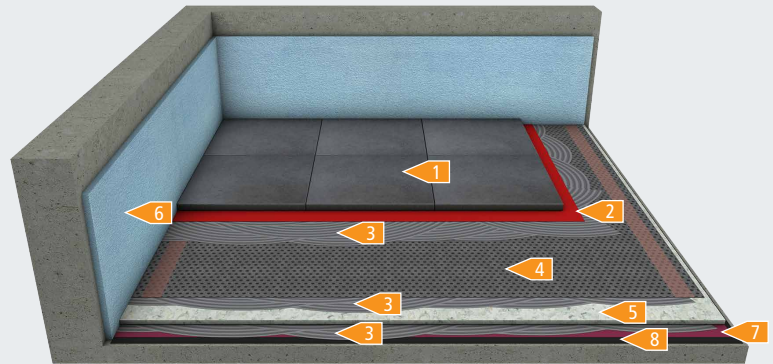
- 1 Tiles | Natural stone
- 2 Sealing in damp rooms if necessary
- 3 Tile adhesive approx. 2 mm per layer
- 4 E-ENERGY CARBON FLEECE
- 5 Insulation and decoupling board
- 6 Edge insulation strips EPS | NEO
- 7 Primer
- 8 If necessary moisture barrier (bond to the substrate)

6 mm

0.4 mm

4 mm

11 mm



### With additional thermal insulation

	0.04 m <sup>2</sup> K / W	Directional value depending on the insulation and decoupling panel		15 kg / m <sup>2</sup> without flooring	Category			
	4.76 W / m <sup>2</sup> K	Heat transfer resistance $R_{Si} = 0.17 \text{ m}^2\text{K/W}$ considered		≤ 5.0 kN / m <sup>2</sup>		✓ A	✓ A2 A3	✓ A1
	~ 8 dB	Directional value depending on the insulation and decoupling panel		≤ 4.0 kN * ≥ 20 cm <sup>2</sup>		✓ B	✓ B1 D1	✓ B
						✓ C1 C2 C3 D1	✓ B2 B3 C1 C2 C3 C5 D2 E1	✓ C D

	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.