

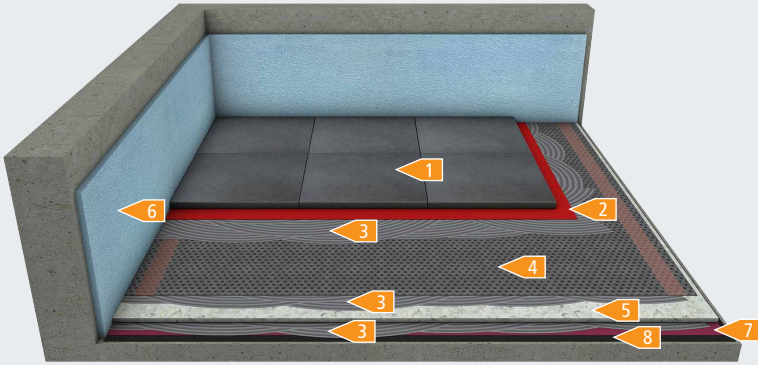
Direct application of tiles

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 ² K / W	Directional value depending on the insulation and decoupling panel		15 kg / m ² without flooring	Category			
	4.76 W / m ² K	Heat transfer resistance R _{Si} = 0.17 m ² K/W considered		≤ 5.0 kN / m ²		EN 1991	EN 1991/NA	SIA 261
	~ 8 dB	Directional value depending on the insulation and decoupling panel		≤ 4.0 kN * ≥ 20 cm ²		✓ A	✓ A2 A3	✓ A1
						✓ 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.