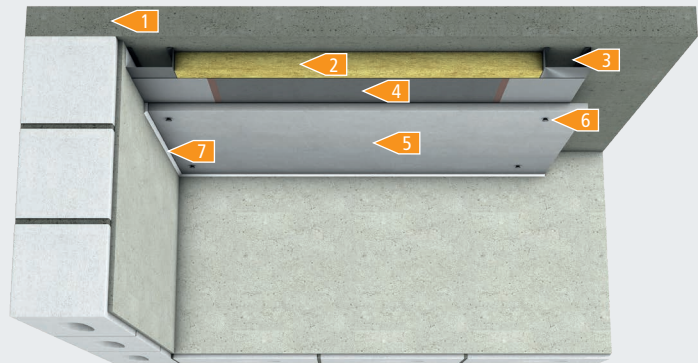


Ceiling heating in dry construction with dry construction profiles

System E-ENERGY CARBON DRYTEC






- 1 Raw ceiling
- 2 Additional insulation mineral wool 032 (25 mm)
- 3 Drywall profile e.g. CD 60/27 27 mm
- 4 E-ENERGY CARBON DRYTEC 0,4 mm
- 5 Drywall board 12.5 mm
- 6 Fixing screw
- 7 Movement joint

40 mm



With additional heat insulation

 $R > 0.78 \text{ m}^2\text{k/W}$	 $\sim 15 \text{ kg / m}^2$	Dead weight E-ENERGY CARBON DRYTEC system including drywall profile, drywall board (12.5 mm plasterboard), and mineral wool (25 mm)
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-  Prepare a level, clean, load-bearing substructure.
-  If thermal insulation is installed on a ceiling against unheated rooms (attic) or outside air temperature (roof), the dew point must be checked and, if necessary, a vapour barrier added
-  E-ENERGY CARBON DRYTEC is designed for substructures with a centre distance of 500 mm (min. 430 mm distance between the profiles). The fastening is done via the laterally running mounting strips, which can be easily penetrated with screws or staples when installing the subsequently attached drywall panels (max. thickness 12.5 mm). The PET film-coated top side is ideal for sticking (e.g. double-sided adhesive tape) to metal drywall profiles. On wooden substructures, the fastening can be done mechanically (e.g. with staples).
-  Only use insulation materials without aluminium lamination.
-  The technical values are indicative and may vary depending on the manufacturer and the materials used. The manufacturer's specifications and generally recognised rules of technology must always be observed.