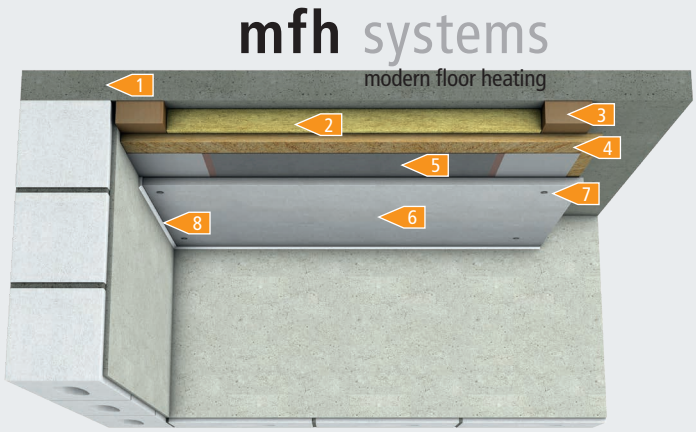
K 52211

e:nergycarbon
Efficient low carbon heating systems

Ceiling heating in dry construction with sub-ceiling tile

System E-NERGY CARBON DRYTEC

1	Raw ceiling	
2	Additional insulation mineral wool 032 (30 mm)	
3	Supporting Joists	30 mm
4	Underlay board e.g. OSB	15 mm
5	E-NERGY CARBON DRYTEC	0,4 mm
6	Drywall board	12,5 mm
7	Fixing screw	
8	Movement joint	
		58 mm



With additional heat insulation

R > 0.93 m²k/W	
~ 27 kg / m²	Dead weight E-NERGY CARBON DRYTEC system including drywall profile, drywall board (12.5 mm plasterboard), and mineral wool (25 mm)

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

Fixing is done via the mounting strips running along the sides, 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 ideally suited for gluing (e.g. double-sided adhesive tape). Alternatively, the fastening can be done mechanically (e.g. with staples).

The technical values are indicative and may vary depending on the manufacturer and the materials used.
materials used. The manufacturer's specifications and generally recognised rules of technology must always be observed.

Product data sheet: P40004

Status 01 | 2021 - Observe all manufacturer's specifications and installation instructions! © mfh systems GmbH – www.mfh-systems.com