K 52212

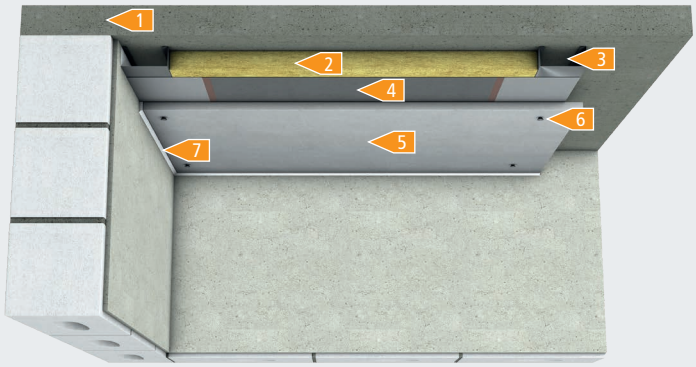
e:nergycarbon
Efficient low carbon heating systems

Ceiling heating in dry construction with dry construction profiles

System E-NERGY 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-NERGY 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 m²k/W	~ 15 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

E-NERGY 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.
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