

Material releases wall / ceiling

Heating foil E-ENERGY CARBON FLEECE

Caution: Install E-ENERGY CARBON according to the installation instructions. Only use plastic spatula to press in the heating foil. Avoid kinks and folds. After installing the heating foil, a complete covering layer (filler, plaster system, tile, etc.) of at least 2 mm must be applied. Use recommended products in accordance with the manufacturer's instructions and the generally recognised rules of technology. **TIP:** Check in the manufacturer's instructions when the heating system can be put into operation. In the case of tile coverings, this can take up to 28 days.

Covering / Top layer	Putty fermacell™ Fine putty	
Primer	–	
If required	Mould removal	–
	Compensation	If necessary, level out unevenness in the joint area on the fermacell® gypsum fibre boards with fermacell™ joint filler
	Primer on balance	–
Thermal Decoupling*	–	
Embedding heating foil	Apply fermacell™ fine filler in sections to the surface (the filler must not dry) and comb through with a 4 mm notched trowel. Place the heating foil into the still damp filler. Press the toothed trowel structure underneath the heating foil with a suitable tool until it appears smooth and a fine layer of filler material becomes visible on the upper side of the heating foil. Ensure smooth and even transitions to areas without heating foil. Allow the filler material to dry sufficiently before applying a second layer.	
Sealing in Damp areas	–	
Covering / surface layer	If necessary, remove minor unevenness with a hand or handle grinder. Suitable abrasive papers are P120 to P180 grit. Always wear face mask and safety glasses when sanding. Remove sanding dust thoroughly. Apply fermacell™ fine filler over the entire surface and allow to dry completely before the heating E-ENERGY CARBON FLEECE is put into operation. The layer thickness should be less than 0.5 mm per working cycle. Layer thicknesses > 0.5 mm should be applied in several layers. The previous layer of filler must be completely dry. Before further surface coatings are applied, sanded surfaces must be dusted and primed if necessary. Further build-up is carried out according to the coating manufacturer's specifications.	

* A professional dew point calculation must be carried out when applying interior heat insulation to exterior walls. The manufacturer's instructions must be observed.