



## 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.

<b>Covering / Top layer</b>	<b>Filler compound   fermacell™ Powerpanel fine filler</b>	
<b>Primer</b>		
<b>If required</b>	<b>Mould removal</b>	
	<b>Compensation</b>	If necessary, level out unevenness in the joint area on the <b>fermacell® gypsum fibre boards</b> with <b>fermacell™ joint filler</b>
	<b>Primer on balance</b>	
<b>Thermal Decoupling*</b>		
<b>Embedding heating foil</b>	Apply <b>fermacell™ Powerpanel fine filler</b> in sections to the surface (the filler must not dry up) and finish with comb through with a 4 mm notched trowel. Insert 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 trowel material is applied to top side of the heating foil becomes visible. Ensure smooth and even transitions to areas without heating foil. Allow the filler to dry sufficiently before applying a second coat.	
<b>Sealing in Damp areas</b>		
<b>Covering / surface layer</b>	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. Cover the entire surface with <b>fermacell™ Powerpanel fine filler</b> and allow to dry completely before starting up the E-ENERGY CARBON FLEECE heater. 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.