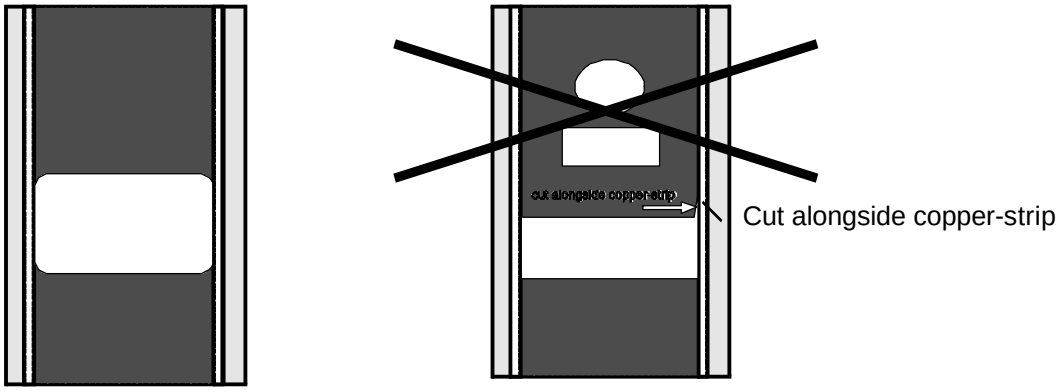
Choose the perforation in sufficient size to obtain enough place for the fixture of lighting, ventilation opening or other outlets in the ceiling.

* Cut the heating foil with a sharp paper-knife or a scissors from one copper-strip to the other. (pict. 1)
* Take care not to damage or cut-through the copper-strips!
* Avoid cuts over the edges of the perforation, especially alongside the copper-strips! (Could be solved if you cut with rounded corners)
* If the needed size of the perforation is so large, that you have to cut through the copper-strips, you have to connect the residual heating foil with termi-foils as shown in instruction 2. Further you have to cover the cut edges with electric tape as in instruction 1. For the electric connection of the two heating foil parts you have to use lead wires as in instruction 1.

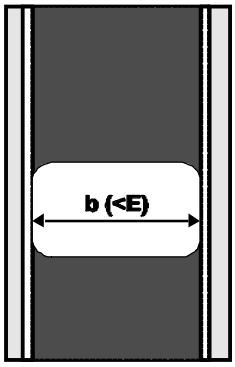
picture 1: example of perforations (e.g. outlets for lighting)



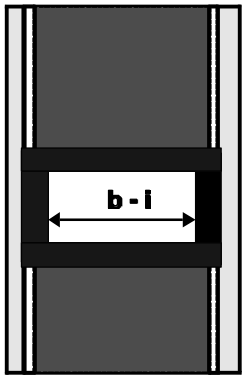
correct **wrong**

* Cover the cut edges of the perforation from both sides with electric tape Scotch No 22 (or similar quality).
* Place the electric tape so over the perforation, that the cut edge is almost in the middle of the tape.
* Length of electric tape = Length of cut edge plus width of the electric tape. Press the electric tape to the heating foil to obtain good adhesion. (The use of a feed roll would be recommended)

picture 2: perforation, uninsulated



picture 3: perforation, covered with electric tape



b= width of perforation
(THB 233 ca. 29,5 cm)
(THB 250 ca. 46,5 cm
i = width of electric tape
(38 to 50 mm)
E= distance between
copper strips

Attention !
For installations in wet rooms use electric tape with permanent elasticity as Scotch VM-tape or similar.

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