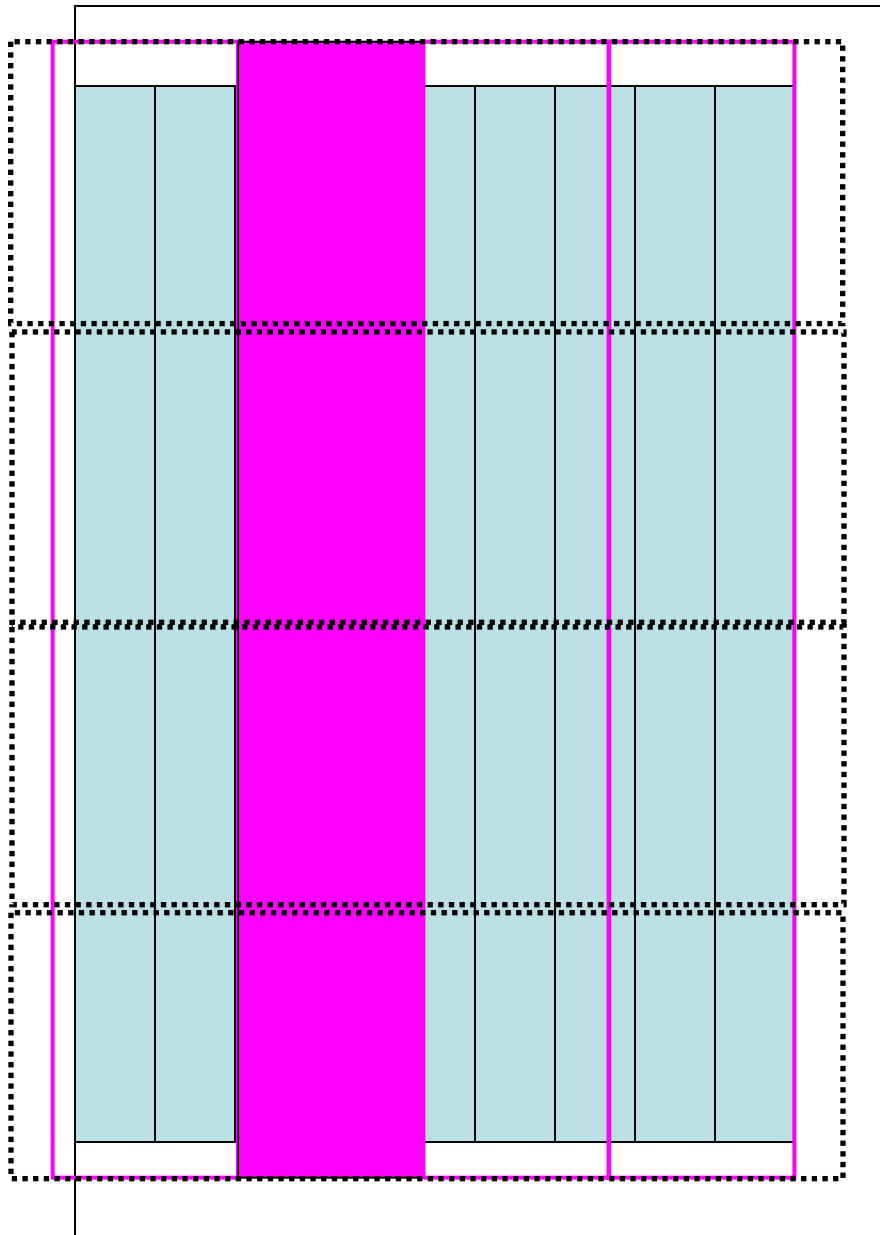




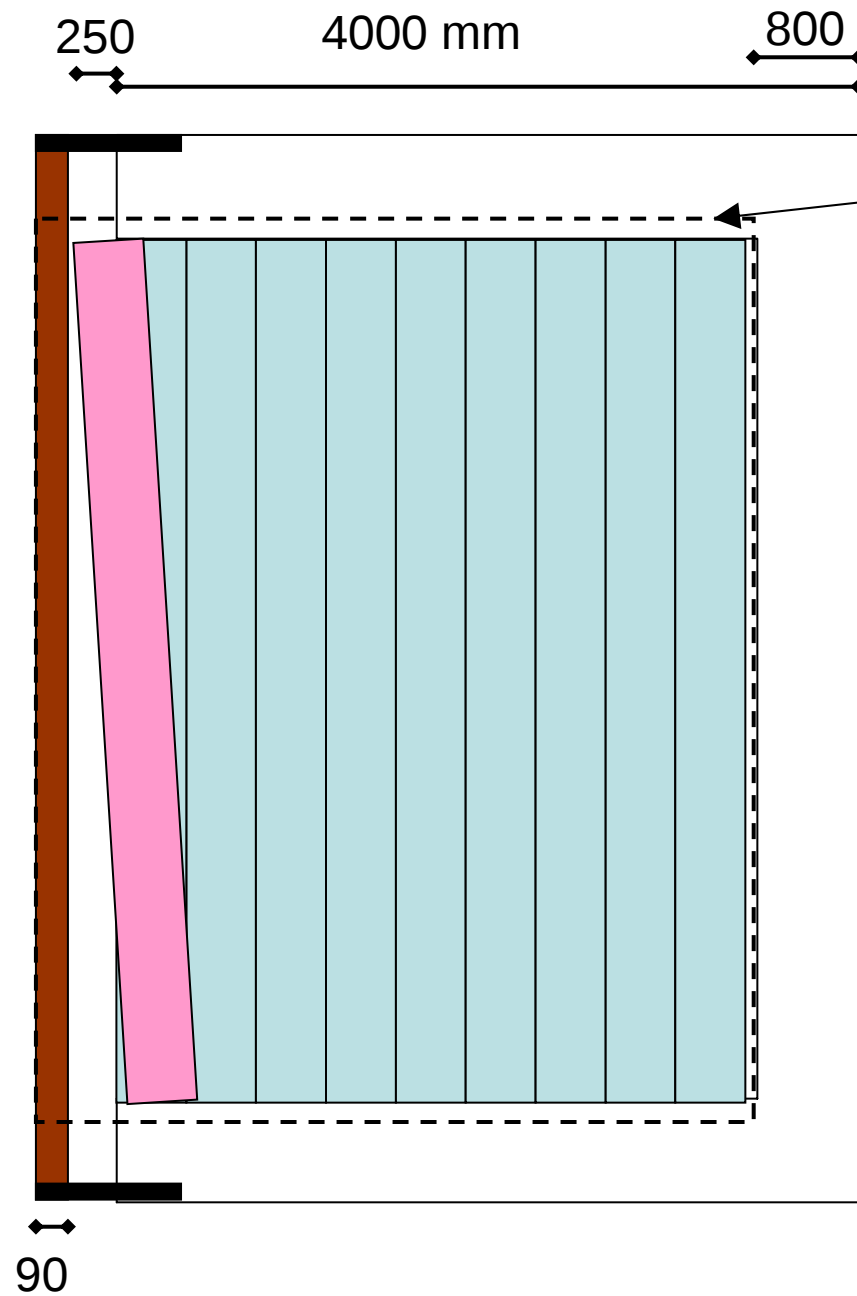
Temperature regulation:

Standard 2-point regulator: on/off
(control variable = temp. of heating coil)

Vertical Segmentation

→ To achieve a homogenous vertical temperature profile:

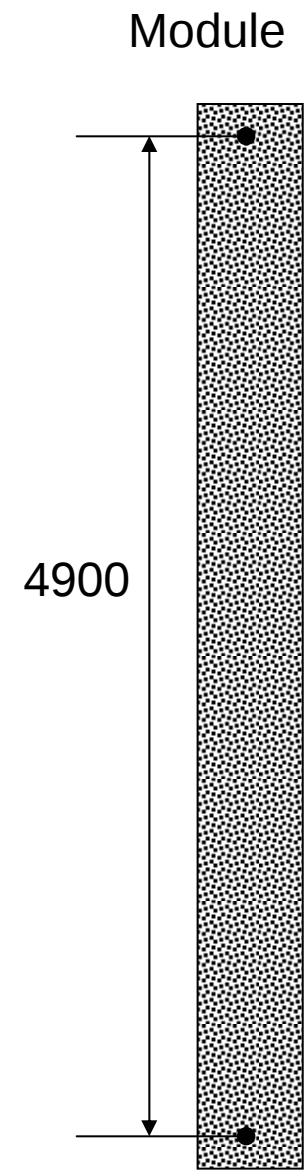
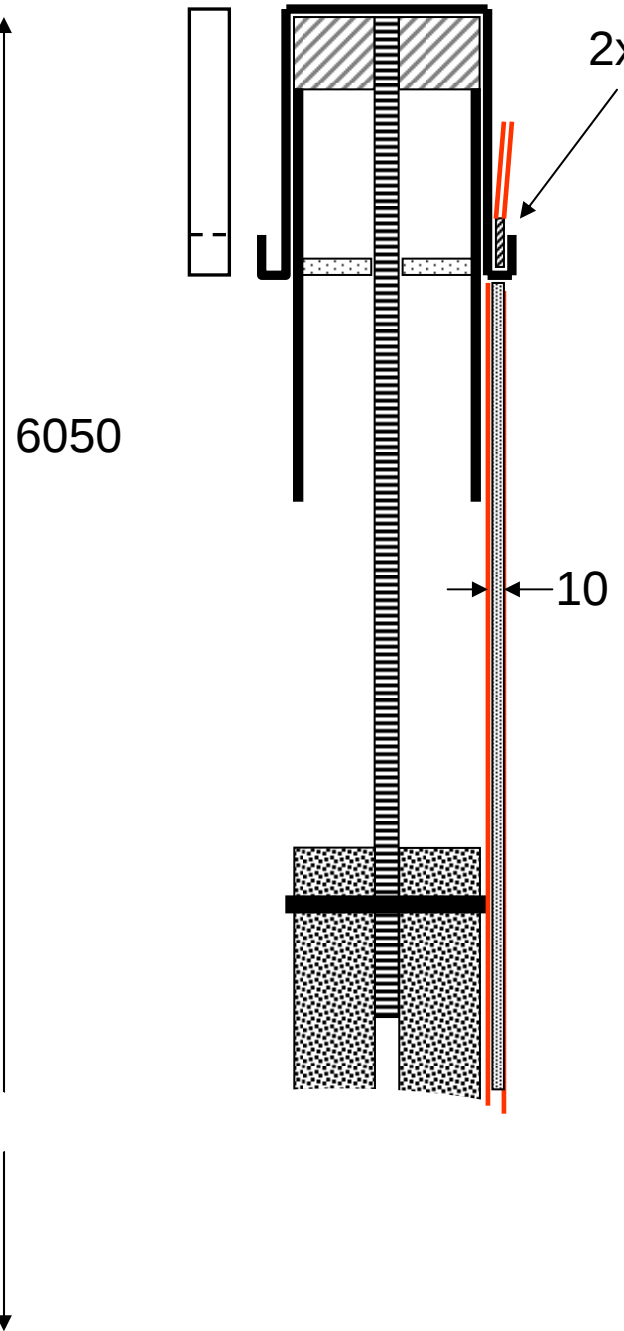
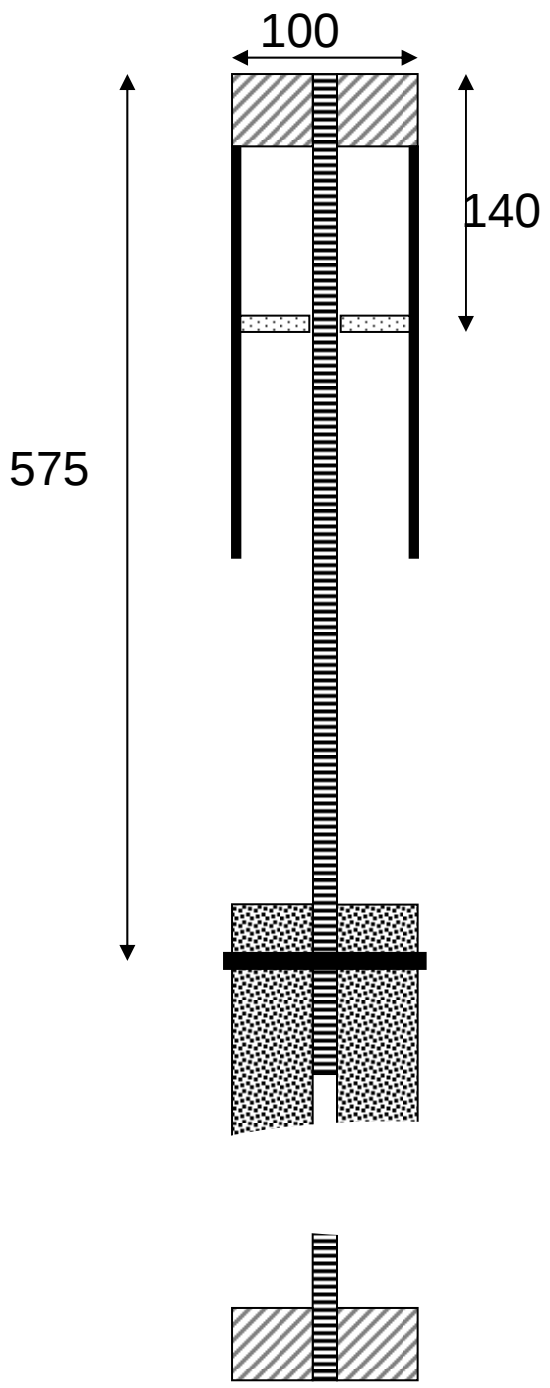
→ 4 independent heating coils per 5.5m heating matt.

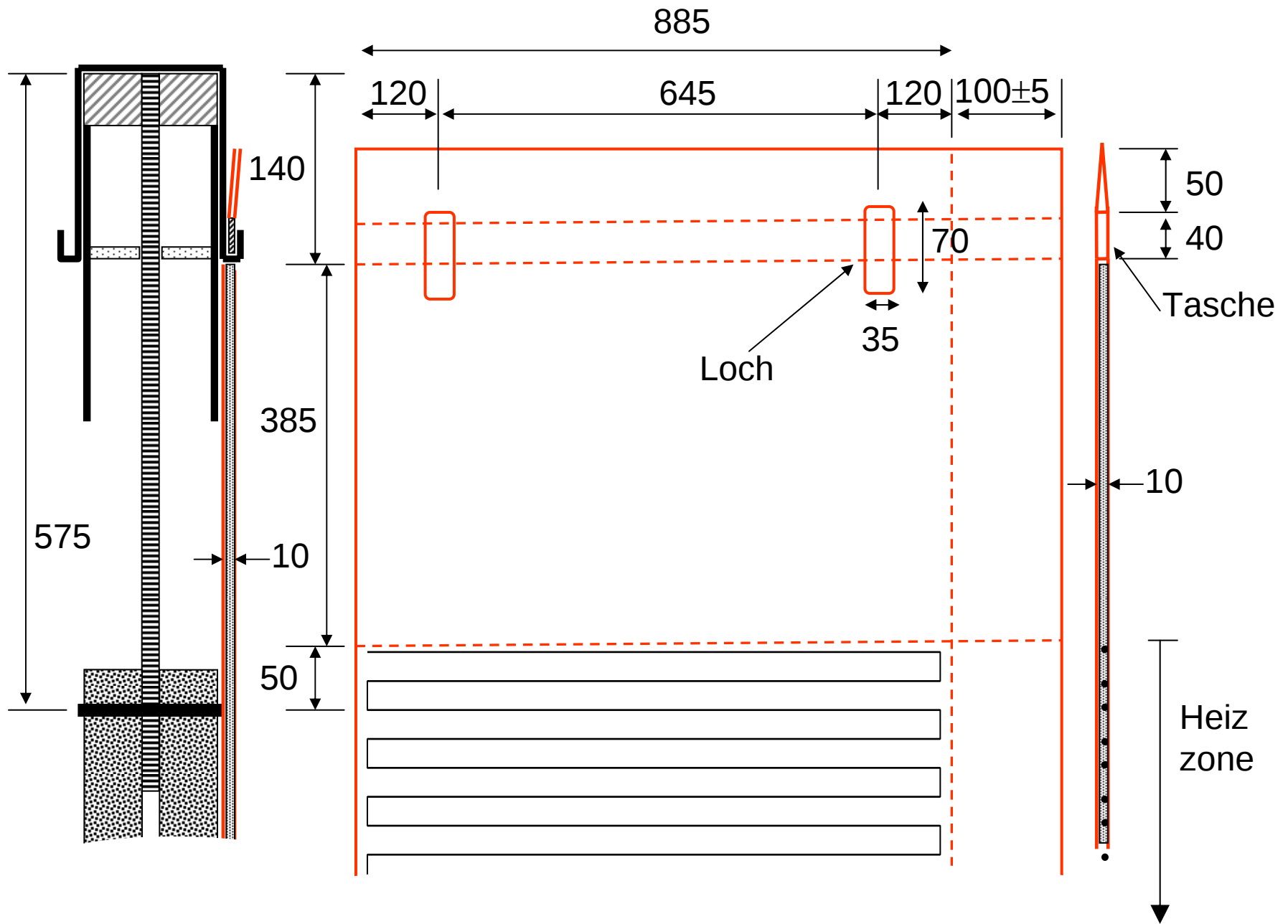


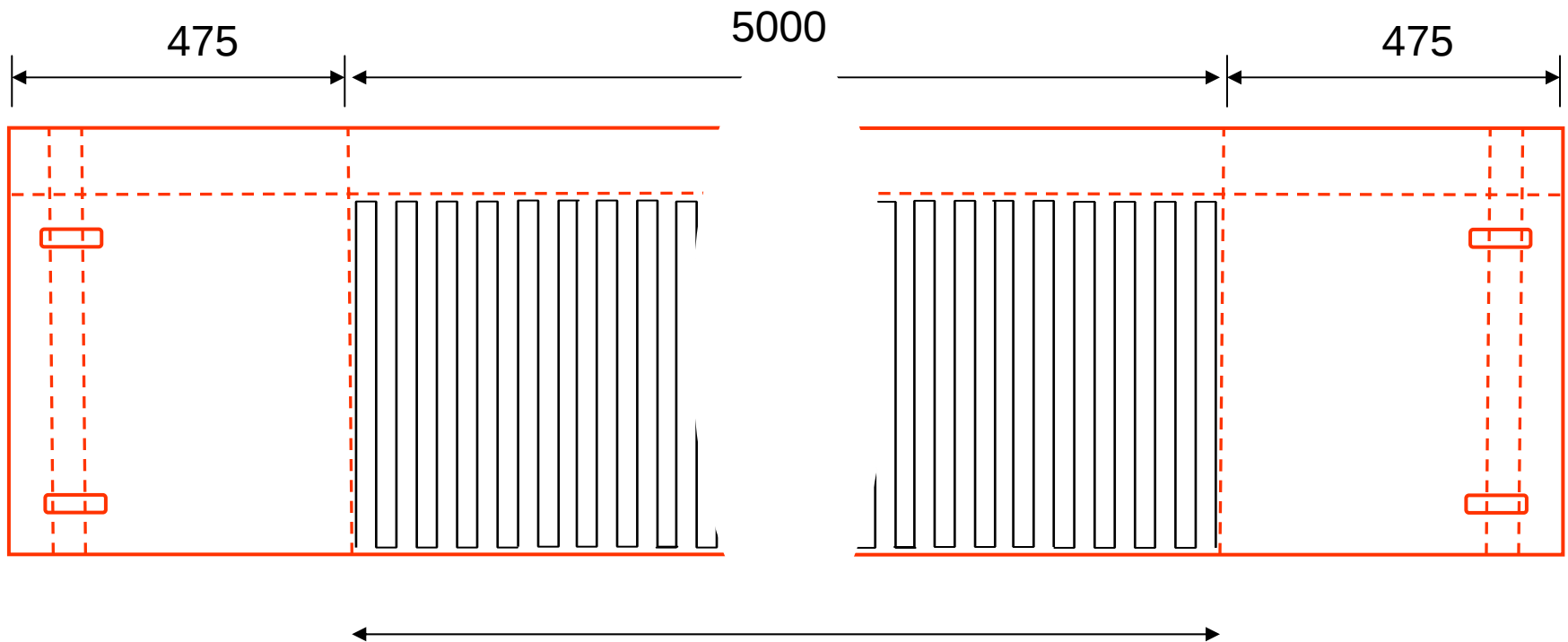
Heizzone:

$$\begin{aligned}\text{Breite} &= 4000 - 800 + 250 + 90 \\ &= 3540 \text{ mm}\end{aligned}$$

$$\text{Höhe} = 5000 \text{ mm}$$

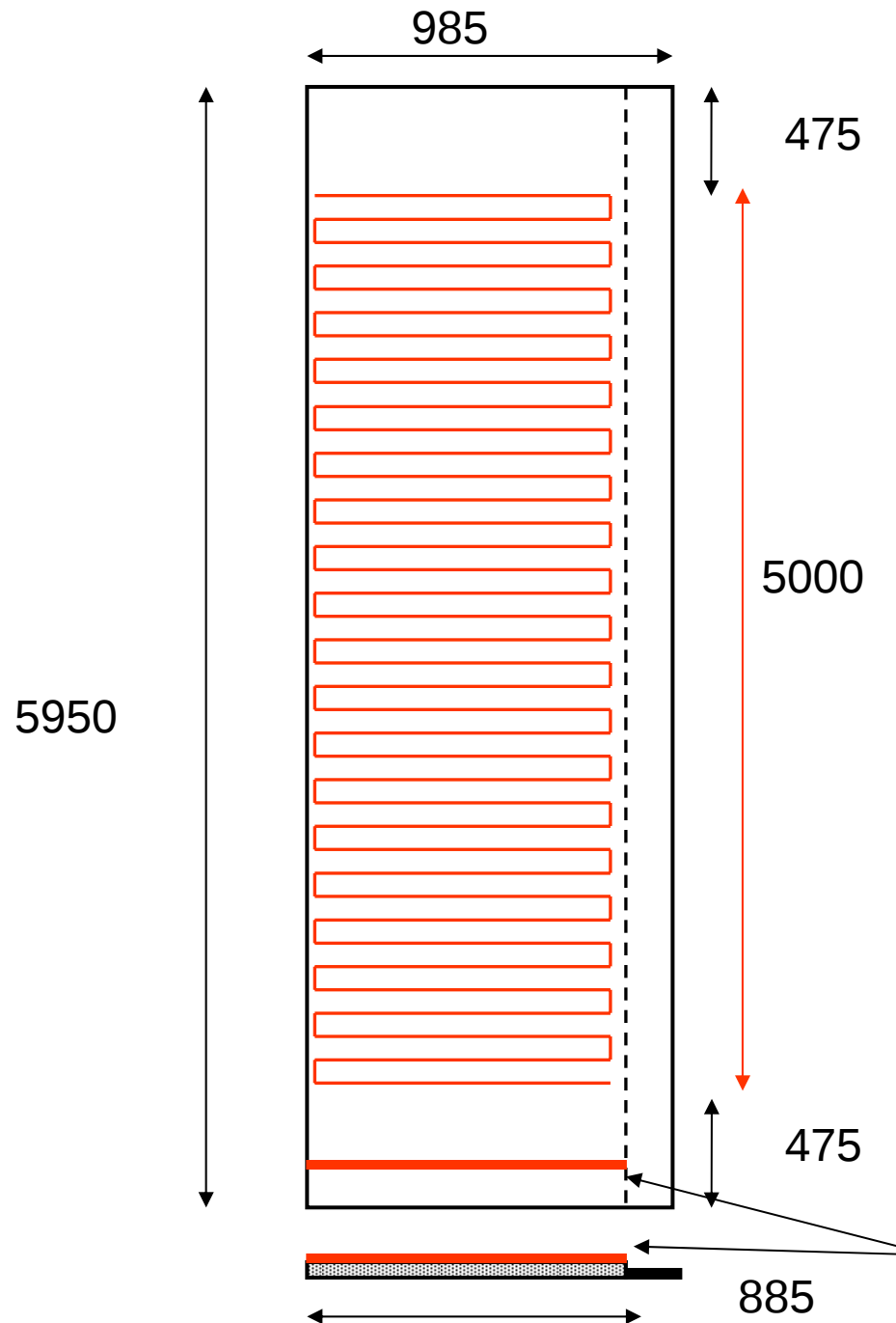




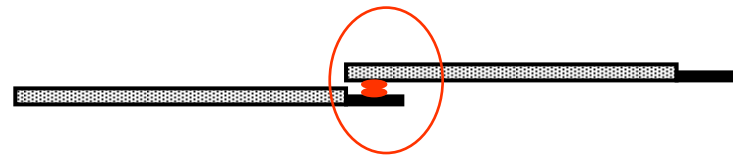


Heizzone:

Längs unterteilt in 3 Zonen mit je
1667 mm Länge



Fixierung mit Klettverschluss
ueber gesamte Länge der
Matte



Am unteren Ende muss ebenfalls
ein Klettverschluss über die Breite
der Heizzone angebracht werden