

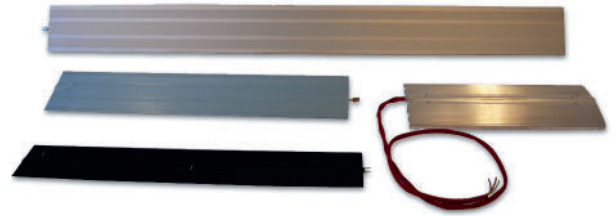
ALUMINIUM HEATING ELEMENTS FOR RADIATION

BACKER

Description

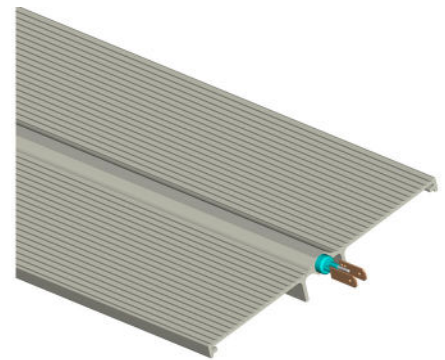
Backer's aluminium products are designed to obtain optimum heating transmission by thermal radiation. The products are also designed to guarantee noiseless operation, perfect running and optimal efficiency.

The profiles need to be treated with some kind of surface coating in order to dissipate thermal radiation. We offer uncoated, anodized or painted elements.

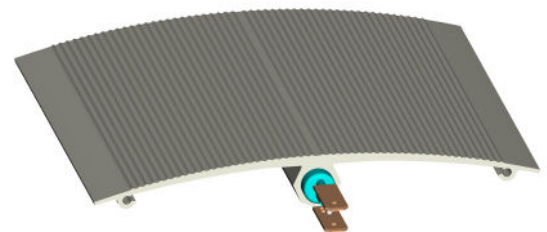


Technical specification

Material	Aluminium
Design	One or two end connection I-profile Straight profile Concave profile Surface enlargement as alternative Diff. kinds of surface coating
Voltage	Max 480 V
Surface load	Depending on element profile (see table beside)
Surface coating	Anodized elements (max. temp. 285°C) Painted elements (max. temp. 285°C)
Safety	The elements meet requirements acc. to EN 60335-1
Options	Protection plastic on surface. Fixing devices. Connection cables.
Emissivity	~0,85



Radiating element



Inner ceiling radiant heater

Aluminium Elements

Benefits

- Low tool cost by new production
- Low weight
- High degree of corrosion-resistance
- Effective conduction of heat
- Noiseless
- Long duration product
- Directed radiation from one side
- No odour during heat up

FIELDS OF APPLICATION

- Radiating radiators
- Inner ceiling radiant heaters
- Frost guards

Model	Element Ø (mm)	W/length cm	Min. length	Max length	Max Temperature
P 2010	8.5	20	350	1270	350°C
I-100	8.5	15	250	1510	350°C
I-80	8.5	15	250	1510	350°C
Concave	8.5		300	1500	350°C
Straight	8.5		300	1500	350°C