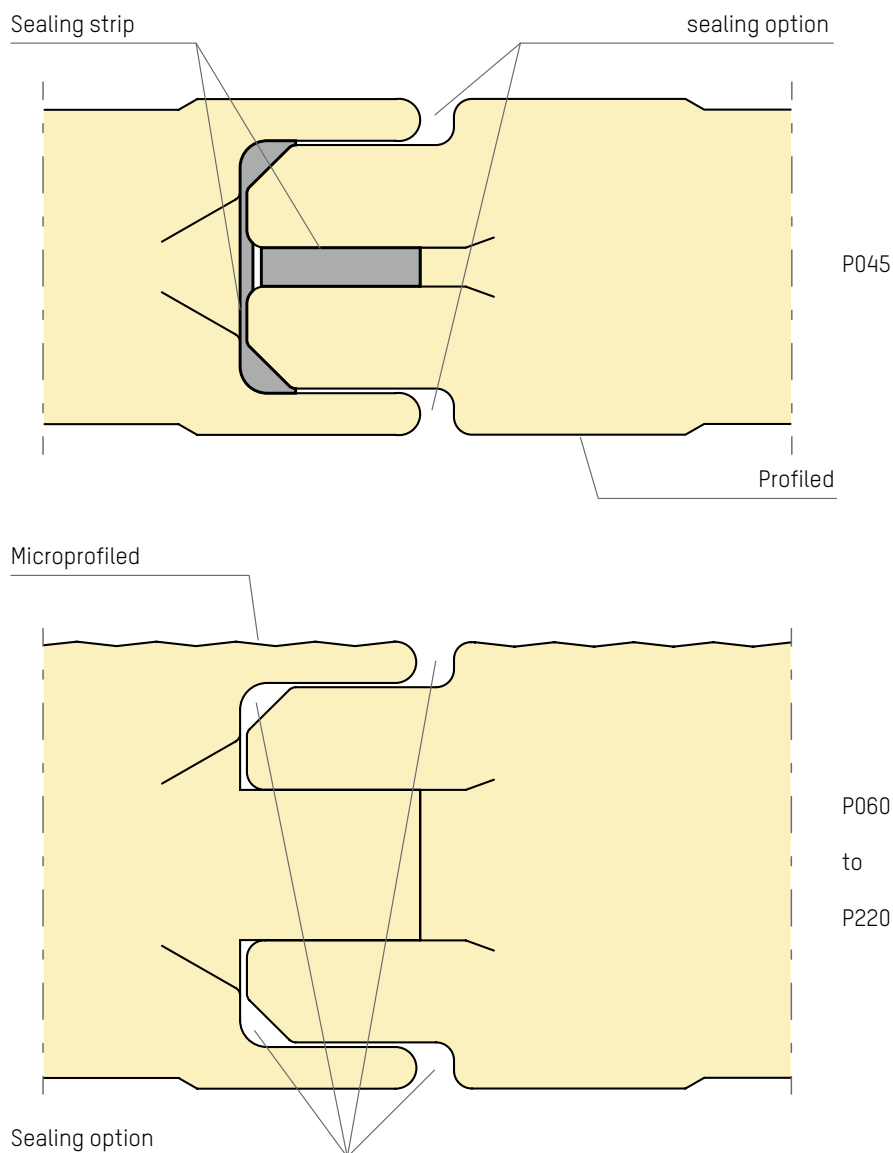


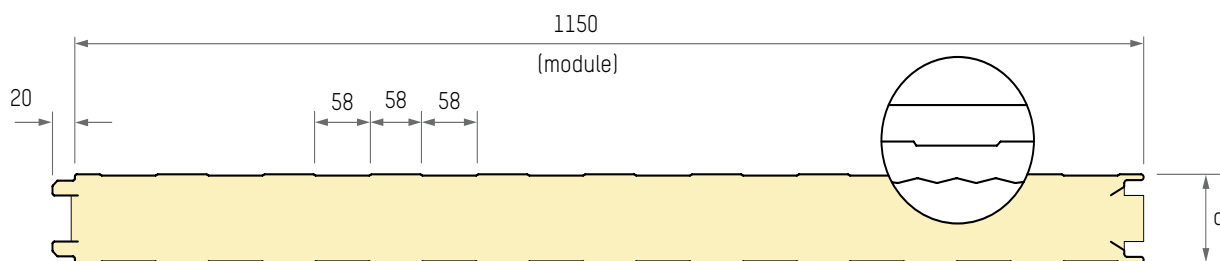
## Quick-assembly insulating panel, type P

Proven thermal insulation system  
for industrial and cold-store construction



- 3 different surface profile variants
- 4 options for sealing the panel connection
- Suitable for facade, ceiling, cold-store and interior construction
- Quick and easy assembly
- Module width 1150 mm
- Insulation thicknesses 45, 60, 80, 100, 120, 140, 170, 200, 220 mm

# Quick-assembly insulating panel, type P



<b>Cladding layers</b>	Coil galvanized and coated sheet steel with organic coating materials, further cladding layers are available on request
<b>Surface finishes</b>	
<b>Standard:</b>	External and internal face: profiled (58mm)
<b>Optional:</b>	One or both faces smooth or one face microprofiled (14mm)
<b>Insulating core</b>	Rigid polyurethane foam, impact resistant and attached to steel cladding across entire surface. Density approx. 40kg/m <sup>3</sup> . FCKW and HFCKW free (ODP=0).
<b>Fire tests</b>	<ul style="list-style-type: none"> <li>Ⓓ B1 in accordance with DIN 4102, flame retardant</li> <li>ⒸH Class 5.3 in accordance with VKF Bern</li> <li>ⒺU Euro class B-s2, d0</li> <li>ⒻFM FM Approval</li> </ul>
<b>Approval</b>	General building authority and building law approval for use in walls/roofs/ceilings. Notification of approval Z-10.4-549 of the DIBt, Berlin and and CE marking in accordance with DIN EN 14509.
<b>Available lengths</b>	Up to 20m, depending on panel thickness
<b>Production tolerances</b>	EPAQ; DIN EN 14509
<b>Quality monitoring</b>	EPAQ Krefeld, IMA Dresden, FIW München, MFPA Leipzig
<b>Sound insulation</b>	Approx. 26dB for all panel thicknesses
<b>Statics</b>	See our span tables

Panel type		P045	P060	P080	P100	P120	P140	P170	P200	P220
<b>Panel thickness</b>	mm	45	60	80	100	120	140	170	200	220
<b>Cladding layer thickness</b>										
<b>External</b>	mm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<b>Internal</b>	mm	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<b>Approx. panel weight</b>	kg/m <sup>2</sup>	11.1	11.7	12.5	13.3	14.1	14.9	16.1	17.3	18.1
<b>U-value acc. to EN 14509 with joint<sup>1)</sup></b>	W/(m <sup>2</sup> ·K)	0.540	0.388	0.285	0.226	0.187	0.160	0.131	0.111	0.101

<sup>1)</sup> λ<sub>declared</sub> = 0,022 [W/mK]