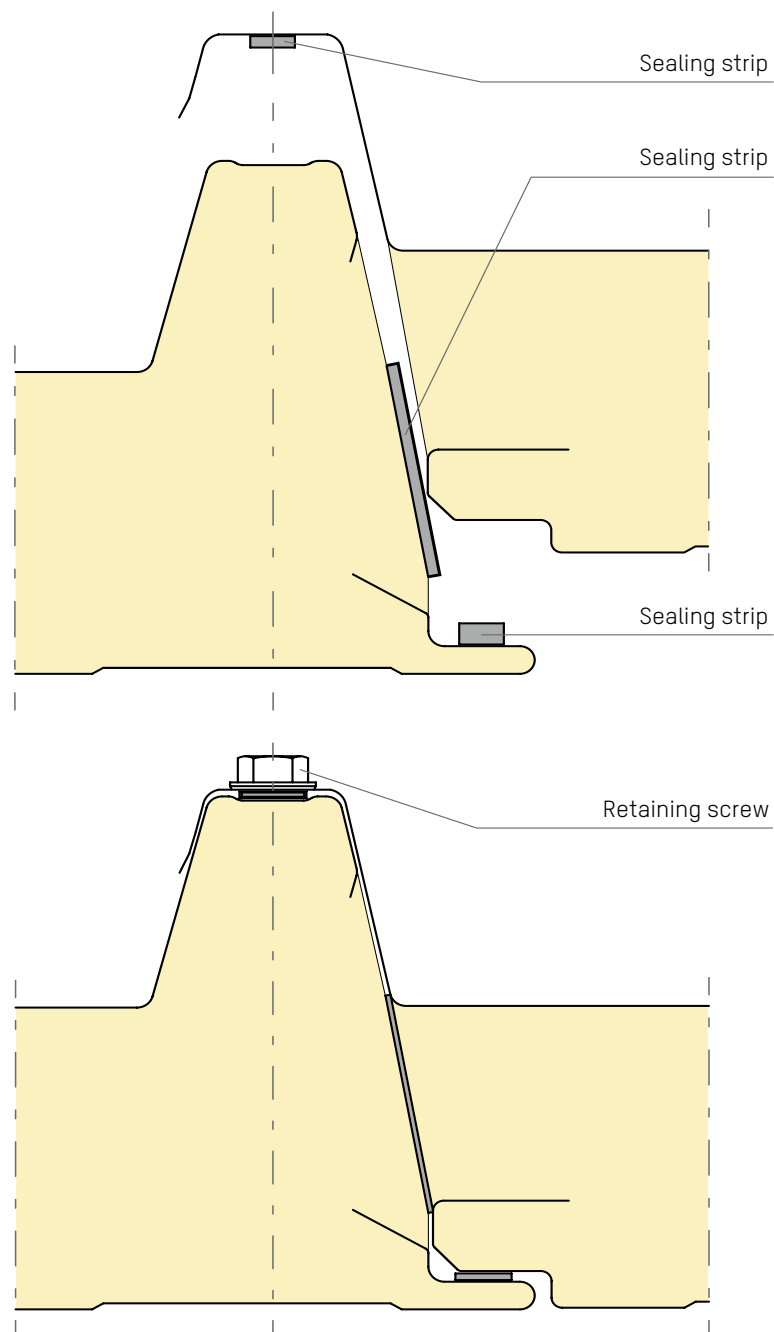


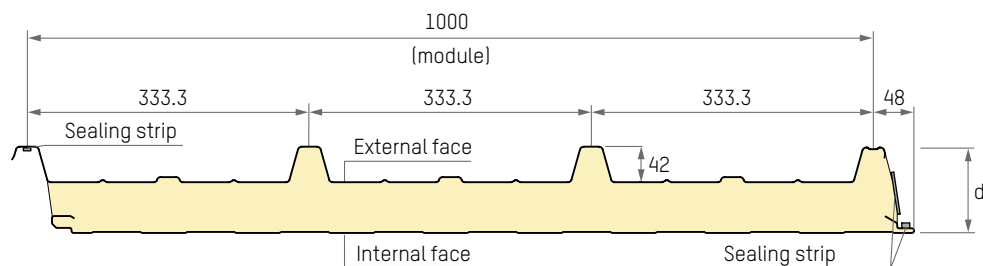
## Quick-assembly roof panel, type D

High quality thermal insulation system for safe and rapid roofing



- 3-point seal
- Large spans due to optimal profile design
- Quick and easy assembly
- Width of module 1000mm
- Insulation thicknesses (without beads) 30, 40, 60, 80, 100, 120, 140mm
- Roof pitch min. 5% ( $\approx 3^\circ$ )

# Quick-assembly roof panel, type D with steel cladding on both sides



<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 face: trapezoidal profile (333.3mm), internal face: profiled (56mm)
<b>Optional:</b>	Internal face: smooth
<b>Insulating core</b>	Rigid polyurethane foam, impact resistant and attached to steel cladding across entire surface. Density, approx. 40kg/m <sup>3</sup> . Free of CFC and HCFCs (ODP=0).
<b>Fire tests</b>	<ul style="list-style-type: none"> <li>Ⓓ B1 according to DIN 4102, flame retardant</li> <li>ⒸⒽ Class 5.3 according to VKF Bern</li> <li>Ⓔ⒰ Euro class B-s2, d0</li> <li>ⒻⒼⓂ FM Approval</li> </ul>
<b>Approval</b>	General building authority and building law approval for use in walls/roofs. Notification of approval Z-10.4-549 of the DIBt, Berlin
<b>Available lengths</b>	Up to 24m, 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		D072	D082	D102	D122	D142	D162	D182
<b>Panel thickness</b>	mm	72	82	102	122	142	162	182
<b>Cladding layer thickness</b>								
<b>External</b>	mm	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
<b>Panel weight approx.</b>	kg/m <sup>2</sup>	11.5	11.9	12.7	13.5	14.3	15.1	15.9
<b>U-value acc. to EN 14509 with joint<sup>1)</sup></b>	W/(m <sup>2</sup> ·K)	0.717	0.542	0.363	0.273	0.219	0.183	0.157

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