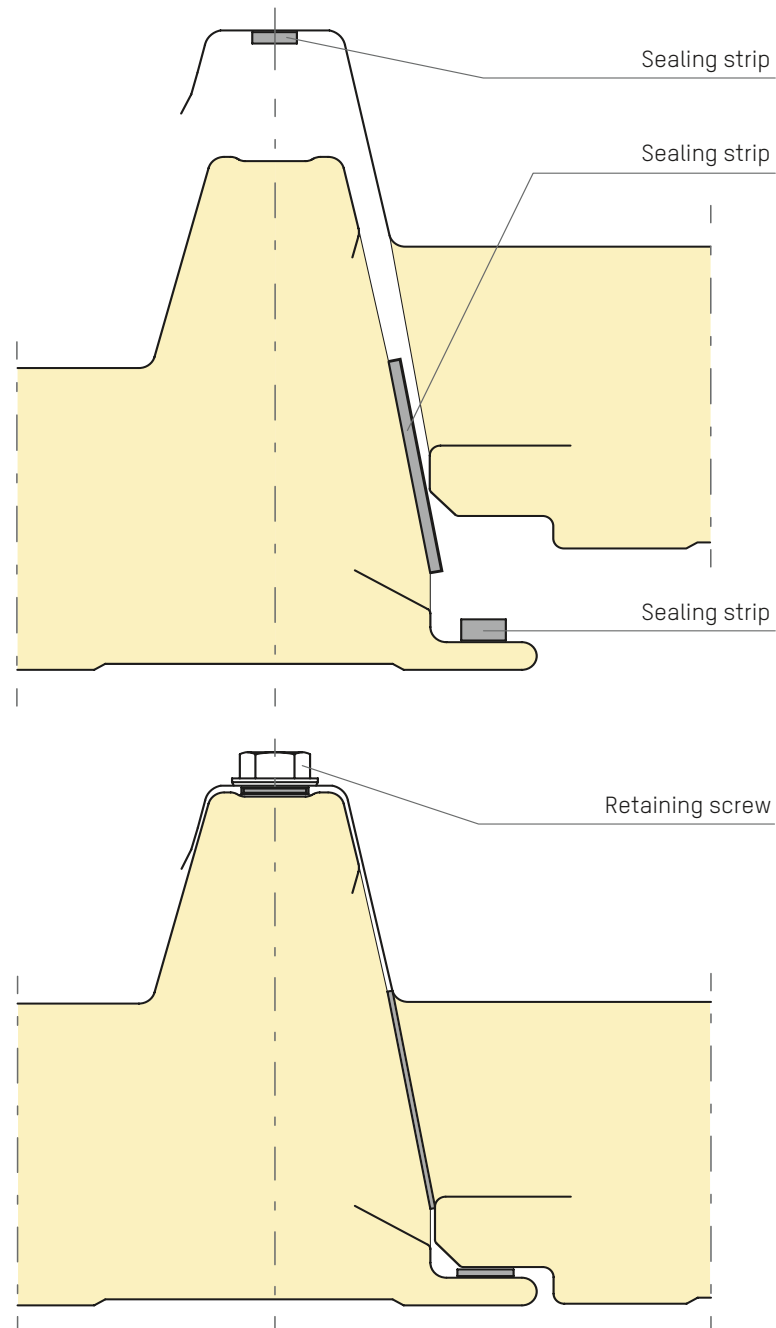


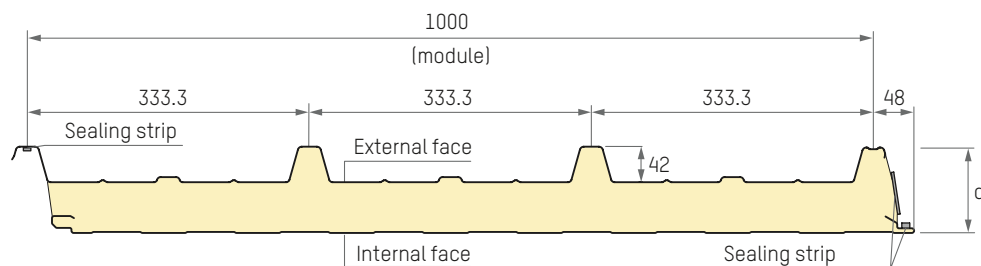
Quick-assembly roof panel, type D

High quality thermal insulation system for safe and rapid roofing assembly 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% ($\pm 3^\circ$)

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



Cladding layers	Coil galvanized and coated sheet steel with organic coating materials, further cladding layers are available on request
Surface finishes	
Standard:	External face: trapezoidal profile (333.3mm), internal face: profiled (56mm)
Optional:	Internal face: smooth
Insulating core	Rigid polyurethane foam, impact resistant and attached to steel cladding across entire surface. Density, approx. 40kg/m ³ . Free of CFC and HCFCs (ODP=0).
Fire tests	<ul style="list-style-type: none"> Ⓚ ⓐⓑ B1 according to DIN 4102, flame retardant ⓔⓤ Class 5.3 according to VKF Bern ⓕⓂ Euro class B-s2, d0 FM Approval
Approval	General building authority and building law approval for use in walls/roofs. Notification of approval Z-10.4-549 of the DIBt, Berlin
Available lengths	Up to 24m, depending on panel thickness
Production tolerances	EPAQ; DIN EN 14509
Quality monitoring	EPAQ Krefeld, IMA Dresden, FIW München, MFPA Leipzig
Sound insulation	Approx. 26dB for all panel thicknesses
Statics	See our span tables

Panel type		D072	D082	D102	D122	D142	D162	D182
Panel thickness	mm	72	82	102	122	142	162	182
Cladding layer thickness								
External	mm	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Internal	mm	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Panel weight approx.	kg/m ²	11.5	11.9	12.7	13.5	14.3	15.1	15.9
U-value acc. to EN 14509 with joint¹⁾	W/(m ² ·K)	0.717	0.542	0.363	0.273	0.219	0.183	0.157

¹⁾ λ_{declared} = 0,022 [W/mK]