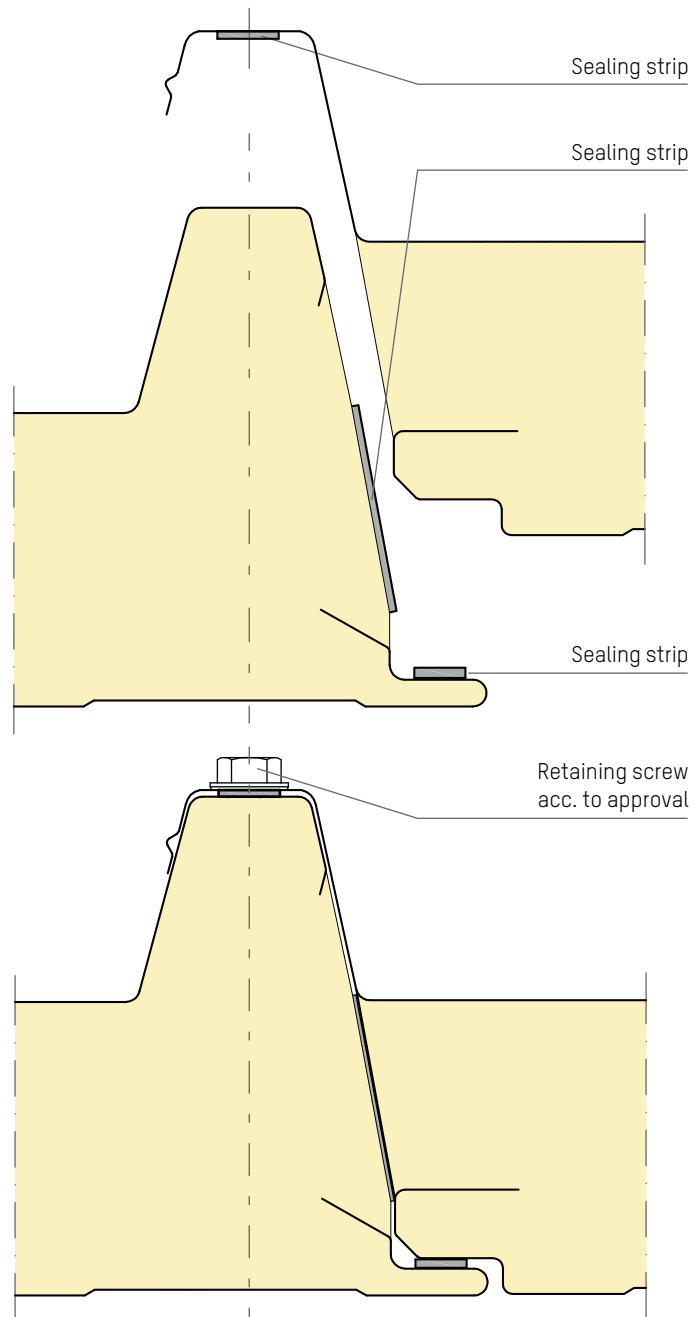


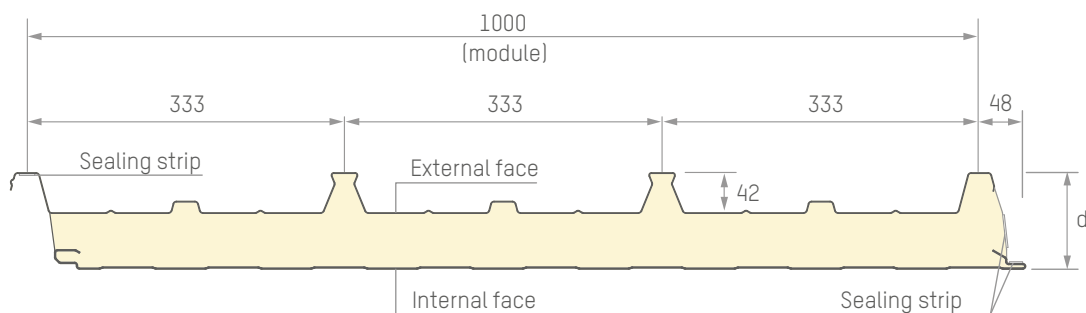
Quick-assembly PIR roof panel, type RD

High quality thermal insulation system for safe roofing and roofing and easy installation of PV modules.



- 3-point seal
- Large spans due to optimal profile design
- Quick and easy assembly
- Compatible with panel D, FD, FD eco
- Width of module 1000mm
- Insulation thicknesses (without beads) 40, 60, 80, 100, 120, 140, 170 mm
- Roof pitch min.5% ($\pm 3^\circ$)
- Clamps and holders available at ROMA

Quick-assembly PIR roof panel 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 (333mm), 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	in progress*
Environment and sustainability	in progress*
Approval	in progress*
Available lengths	Up to 25m, depending on panel thickness
Production tolerances	EPAQ; DIN EN 14509
Quality monitoring	IMA Dresden, FIW München, MFPA Leipzig
Sound insulation	Approx. 26dB for all panel thicknesses
Statics	in progress*
Applications	Roof (for roof pitch < 5% additional waterproofing measures are required), Wall, Ceiling

Panel-Typ		RD082	RD102	RD122	RD142	RD162	RD182	RD212
Panel thickness (incl. bead 42mm)	mm	82	102	122	142	162	182	212
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	12.2	13.0	13.8	14.6	15.4	16.2	17.4
U-value acc. to EN 14509 with joint ¹⁾	W / (m ² ·K)	0.542	0.363	0.273	0.219	0.183	0.157	0.129

¹⁾ $\lambda_{\text{declared}} = 0.022$ [W/mK]

* Classifications to follow with approval, expected Q1/2024.