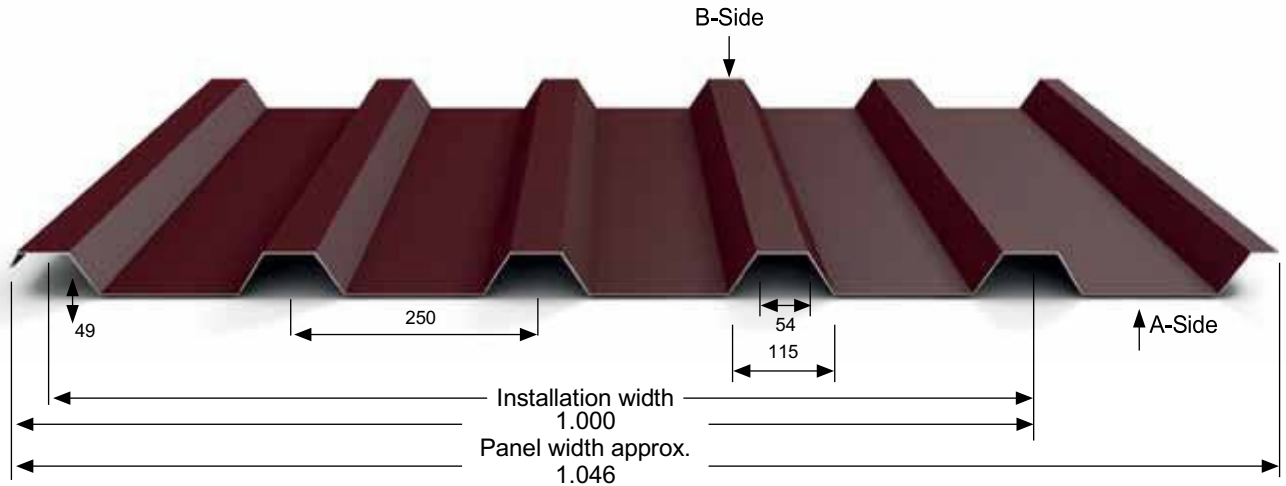


Trapezoidal profile 50/250



Stock material overview

Many other colors available at short notice on request

COLOURS	RAL	ALU Strength 0,5mm	ALU Strength 0,7mm	ALU Strength 0,8mm	ALU Strength 1,0mm	STEEL Strength 0,5mm	STEEL Strength 0,63mm	STEEL Strength 0,75mm
stucco		x						
moss green	6005							x
chrome oxide green	6020						x	
anthracite gray	7016		x			x		x
red-brown	8012					x	x	x
gray white	9002							x
brilliant metallic	9006		x					x

☀️ 💧 🌀 Application Alu: roof, wall

Application STEEL: roof, wall

A-Side = Wall profile B-Side = Roof

Max. supply length: 15.000mm

Examples of use

- The trapezoidal profile with excellent static properties
- Ideally suited for hall construction, as large span width possible
- Can also be used as a wall panel

☀️ Appropriate transparent sheets available

💧 Desiccant fleece possible

🌀 Curvature possible

🌀 Anti-noise fleece

⦿ Perforation possible

📐 Round-folded possible

Load table – max. purlin spacing aluminum

Profile panels	Sheet thickness (mm)	Dead load in dN / m ²	Permitted effective span L ¹⁾ in mm with a load g _k in kN / m ²											
			Roof						Wall					
			Positive installation for permitted deflection L / 150 load in (kN / m ²)						Negative installation for permitted deflection L / 150 load in (kN / m ²)					
			Single-span beam (SSB)			Triple-span beam (TSB)			Single-span beam (SSB)			Triple-span beam (TSB)		
0,75	1,00	1,25	0,75	1,00	1,25	0,50	0,80	1,20	0,50	0,80	1,20			
50/250	0,50	1,82	1,78	1,60	1,43	1,84	1,53	1,32	1,92	1,65	1,44	2,38	1,79	1,37
	0,70	2,57	2,13	1,94	1,81	2,64	2,27	1,99	2,30	1,96	1,72	2,84	2,43	2,06
	0,80	2,89	2,29	2,08	1,94	2,83	2,58	2,30	2,45	2,10	1,83	3,03	2,59	2,26
	1,00	3,64	2,55	2,33	2,17	3,16	2,88	2,68	2,73	2,34	2,04	3,38	2,89	2,52
	1,20	4,39	2,78	2,54	2,36	3,43	3,13	2,92	2,97	2,54	2,22	3,67	3,13	2,74

¹⁾ End bearing width $b_B \geq 40$ mm

Intermediate bearing width $b_B \geq 60$ mm

Load table – max. purlin spacing steel

Profile panels	Sheet thickness (mm)	Dead load in dN / m ²	Permitted effective span L ¹⁾ in mm with a load g _k in kN / m ²											
			Roof						Wall					
			Positive installation for permitted deflection L / 150 load in (kN / m ²)						Negative installation for permitted deflection L / 150 load in (kN / m ²)					
			Single-span beam (SSB)			Triple-span beam (TSB)			Single-span beam (SSB)			Triple-span beam (TSB)		
0,75	1,00	1,25	0,75	1,00	1,25	0,50	0,80	1,20	0,50	0,80	1,20			
50/250	0,63	6,74	3,10	2,83	2,63	3,37	2,93	2,63	3,33	2,85	2,49	4,12	3,45	2,70
	0,75	8,03	3,34	3,06	2,85	3,98	3,41	3,06	3,61	3,09	2,70	4,46	3,82	3,27
	0,88	9,42	3,57	3,27	3,06	4,41	3,96	3,50	3,88	3,32	2,90	4,80	4,10	3,58
	1,00	10,70	3,76	3,46	3,23	4,65	4,27	3,95	4,11	3,52	3,07	5,09	4,35	3,80
	1,25	13,38	4,09	3,76	3,52	5,05	4,65	4,35	4,55	3,89	3,40	5,63	4,81	4,20

¹⁾ End bearing width $b_B \geq 40$ mm
Intermediate bearing width $b_B \geq 60$ mm

Our profile sheets are certified according to:

