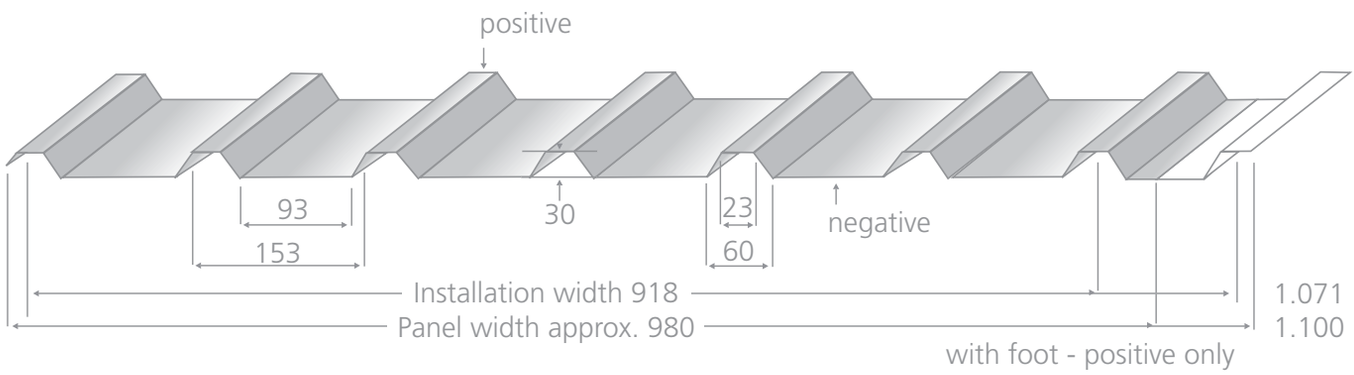
Trapezoidal profile 30/153



Colours	RAL	Thickness (mm)							
		0,5 **ALU**	0,7 **ALU**	0,8 **ALU**	1,0 **ALU**	0,5 **STEEL**	0,63 **STEEL**	0,75 **STEEL**	1,0 **STEEL**
Stucco		x	x						
Plate-rolled		x	x	x	x				
Oxide red	3009	x				x			
Loden green	similar to 6003	x							
Olive green	6003					x			
Moss green	6005	x					on request	on request	on request
Chrome green	6020								
Anthracite grey	7016	x				x			
Copper brown	8004	x							
Red brown	8012								
Sepia brown	8014	x							
Mahogany brown	8016	x	x			x			
Grey white	9002	x							
Brilliant metallic	9006	x	x						
Grey aluminium	9007		x						

Application ALU: roof, wall

Application STEEL: roof, wall

Max. supply length: 15.000mm, other lengths and colours on request

Examples of use

- The economic aluminium profile for business, trade and consumers
- Suited best for roof (positive only) and wall (positive and negative possible)
- Round folding possible

Appropriate transparent sheets available
Desiccant fleece possible
Curvature possible
Anti-noise fleece possible
Perforation possible
Round-folded possible

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Load table - max. purlin spacing aluminium

Profile panels	Sheet thickness (mm)	Dead load in dN / m²	Permitted effective span L[1] in mm with a load g_k in kN / m²													
			Roof						Wall						Ceiling	
			Positive installation for permitted deflexion L / 150 load in (kN / m²)						Negative installation for permitted deflexion L / 150 load in (kN / m²)						Load, L / 300	
			Single-span beam (SSB)			Triple-span beam (TSB)			Single-span beam (SSB)			Triple-span beam (TSB)			SSB	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	0,10	0,10
30/153	0,50	1,76	1,54	1,40	1,30	1,85	1,58	1,40	1,54	1,32	1,15	1,90	1,63	1,42	2,05	2,55
	0,70	2,47	1,77	1,61	1,49	2,19	1,99	1,85	1,79	1,53	1,33	2,21	1,89	1,65	2,40	2,95
	0,80	2,82	1,85	1,68	1,56	2,29	2,08	1,93	1,89	1,62	1,41	2,34	2,00	1,75	2,55	3,15
	1,00	3,53	2,00	1,81	1,68	2,47	2,24	2,08	2,09	1,79	1,56	2,58	2,21	1,93	2,80	3,50

[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 / m²	Permitted effective span L[1] in mm with a load g_k in kN / m²											
			Roof						Wall					
			Positive installation for permitted deflexion L / 150 load in (kN / m²)						Negative installation for permitted deflexion L / 150 load in (kN / m²)					
			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
30/153	0,50	5,20	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
	0,63	6,30	2,37	2,16	2,00	2,93	2,66	2,42	2,43	2,08	1,82	3,01	2,57	2,25
	0,75	7,80	2,57	2,33	2,17	3,17	2,88	2,68	2,69	2,30	2,01	3,32	2,84	2,48

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

Our profile sheets are certified according to:

SCHÜTTE
Z-14.1-570
MPA BAU HANNOVER

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