



PAN-T18

Product technical features



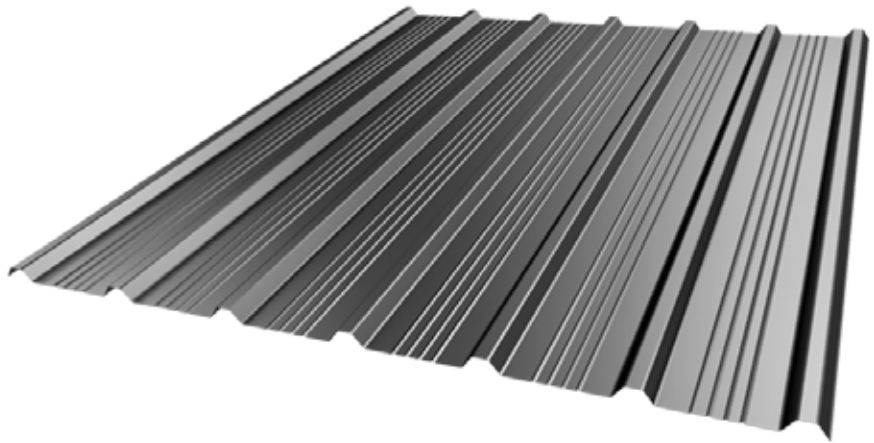
PANKOMERC
Sheet metal wizards®

Pan-T18

Pan-T18 trapezoid profile has well balanced features which meet roof and wall structural demands.

Thanks to that, this profile is universal solution for surface covering of all kinds. It is also used as the ceiling component of the sandwich system.

This product can be made of aluminum and galvanized steel sheet metal.



Antikondenz felt can be placed



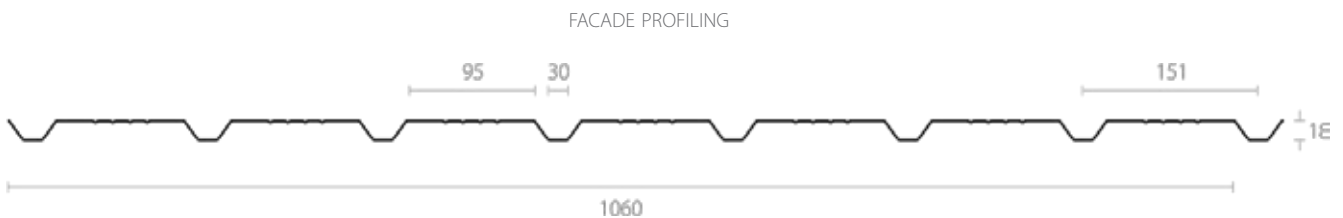
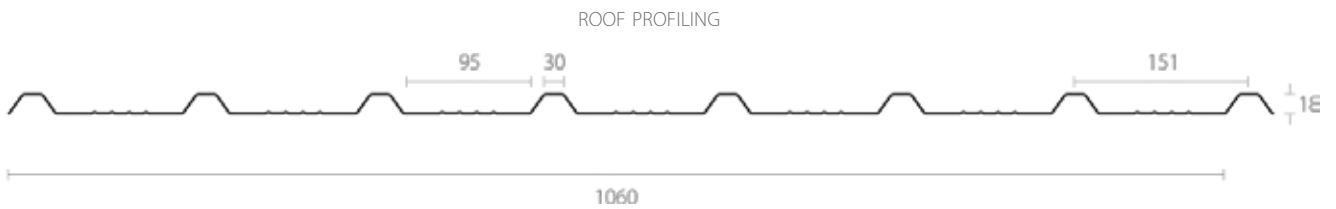
The product can be curved



The product can be perforated



The product can be made of transparent polycarbonate



Product features

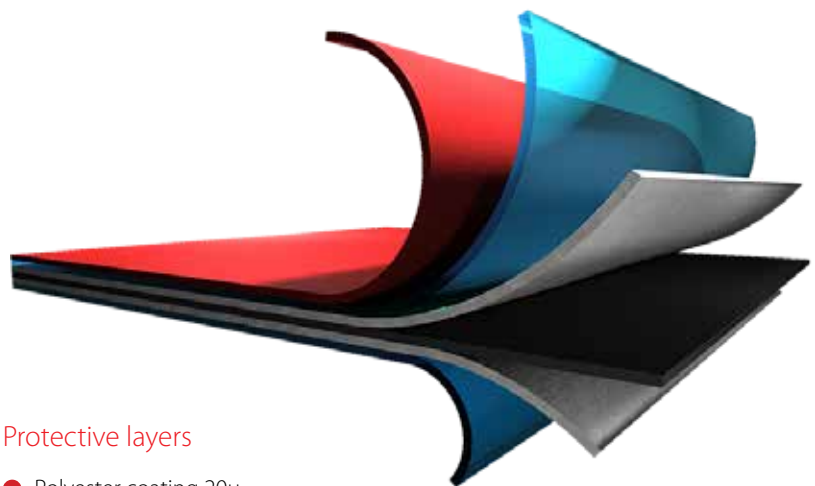
Profile length	0.2 - 17 m	
Profile range	up to 2 m	
Steel thickness	0.5 - 0.8 mm	
Aluminum thickness	0.6 - 1.0 mm	



Weight table

Thickness	Weight (m ²)	
0.5	4.70	x
0.6	5.66	1.91
0.7	6.60	2.23
0.8	7.55	2.55
1.0	x	3.18

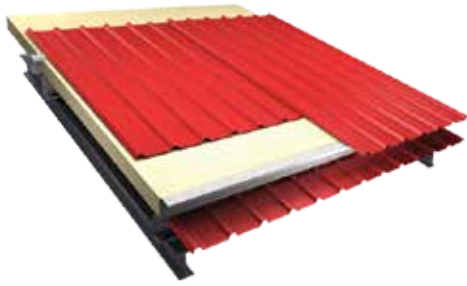
Galvanized Aluminium



Protective layers

- Polyester coating 20μ
- Primer 7μ
- Zinc coating 140gr/m²
- Steel base DX51 (0.5mm)

* The values can be changed upon request



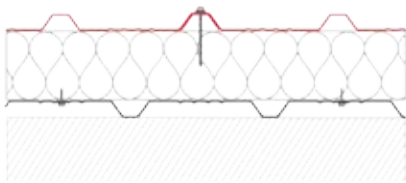
ROOF PROFILING



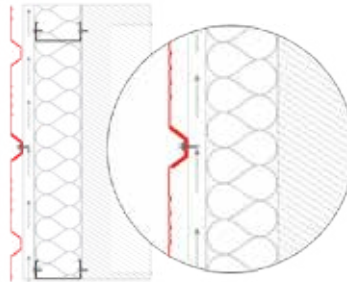
FACADE PROFILING



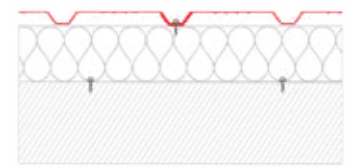
FACADE PROFILING



ROOF PROFILING
INSTALLATION CROSS SECTION



FACADE PROFILING
HORIZONTAL INSTALLATION CROSS SECTION



FACADE PROFILING
VERTICAL INSTALLATION CROSS SECTION

Load tables

LOAD TABLE PAN-T18 - GALVANIZED						
Thick- ness (mm)	Profile length (cm ² /m)	Profile length (cm ³ /m)	Load (kN/m ²)	Support beam span (l) for max deflection $f_{max} \leq l/200$ and allowed tension $\Sigma f_{doz} = 14 \text{ kN/cm}^2$		
				▲▲	▲▲▲	▲▲▲▲
0.50	3.06	2.40	1.00	1.35	1.64	1.68
			1.25	1.25	1.46	1.56
			1.50	1.18	1.34	1.47
			1.75	1.12	1.24	1.38
0.60	3.66	2.86	1.00	1.42	1.79	1.78
			1.25	1.33	1.60	1.62
			1.50	1.25	1.46	1.56
			1.75	1.19	1.35	1.48
0.70	2.46	3.31	1.00	1.51	1.92	1.87
			1.25	1.40	1.72	1.74
			1.50	1.32	1.57	1.64
			1.75	1.25	1.45	1.56
0.80	4.26	3.31	1.00	1.57	2.05	1.96
			1.25	1.46	1.83	1.82
			1.50	1.38	1.67	1.71
			1.75	1.30	1.55	1.63

LOAD TABLE PAN-T18 - ALUMINIUM				
Span length (m)	Thickness (mm)	Maximum permissible load (kN/m ²) with maximum deflection of L/200		
		▲▲	▲▲▲	▲▲▲▲
1.25	0.6	53	128	101
	0.7	62	149	118
	0.8	71	171	135
	1.0	89	214	169
1.50	0.6	31	79	59
	0.7	36	87	68
	0.8	41	99	78
	1.0	51	123	97
1.75	0.6	19	46	36
	0.7	23	55	44
	0.8	26	63	49
	1.0	32	77	61
2.0	0.6	13	31	25
	0.7	15	36	29
	0.8	17	41	32
	1.0	22	53	42

▲▲▲ No of supports

Standard colours chart

Colour	RAL number	PAN-T18	
		Galvanized	Aluminium
Silver Mettalic	9006	•	•
Dark Gray	9007	•	•
Alpine White	9002	•	•
Dirty White	9003	•	•
Anthracite	7016	•	•
Black	9005	•	•
Earth Brown	8019	•	•
Fire Red	3020	•	•
Brick Red	3009	•	•
Bright Green	6018	•	•
Steppe Green	6021		•
Forest Green	6028	•	•
Sea Blue	5010	•	•
Brick Red matte	3009	•	
Amazon Green matte	6020	•	
Anthracite matte	7016	•	•
Earth Brown matte	8017	•	•
Black matte	9005	•	
Titanium zinc			
Laminated foil	Wood imitation	•	
Laminated foil	Cooper imitation	•	•

Custom colors available on request



PANKOMERC

Sheet metal wizards®

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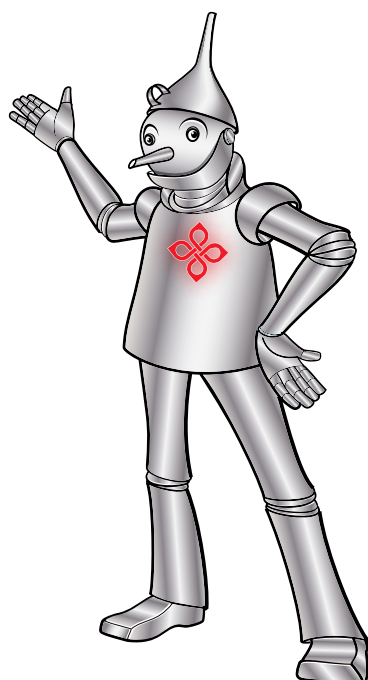
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