

SCOPE

Self-supporting metal sheet for external walls (horizontally or vertically laid) made from metallic coated steel sheet with or without additional organic coatings.

MATERIAL (Steel)

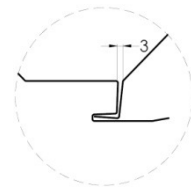
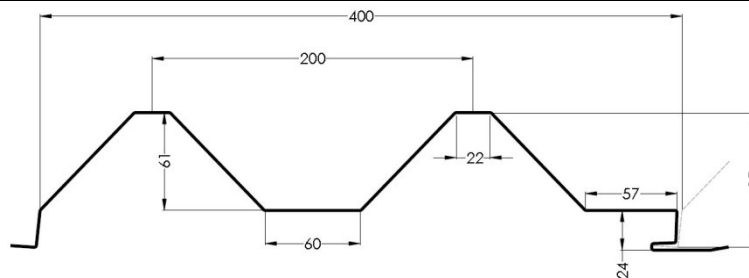
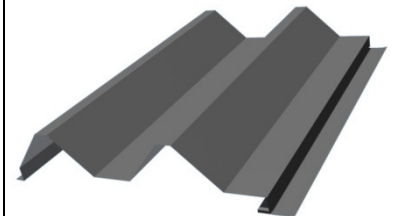
CHARACTERISTIC	STAND. REF.	Thickness (mm)			
		0,70	0,75	1,00	1,20
Weight (kg/m ²)		8,59	9,20	12,27	14,72
I _g (cm ⁴ /ml)		73,827	79,405	107,264	129,513
W1 (cm ³ /ml)		17,818	19,156	25,822	31,126
W2 (cm ³ /ml)		16,678	17,925	24,126	29,045

GEOMETRICAL CHARACTERISTICS

CHARACTERISTIC	VALUE	UNIT	TOLERANCE
Depth of profile (h)	85	mm	± 1,5
Depth of stiffeners	---	mm	---
Pitch	400	mm	± 3,0
Widths of crown and valley (b ₁ , b ₂)	(20,60)	mm	+2,0/-1,0
Cover width (w)	400	mm	± h/10 (Máx.: 15,0)
Radius of bends (r)	---	mm	+ 2,0 / 0,0
Deviation from straightness (δ)	≤ a la tol.	mm	2,0 / ml (Máx.: 10,0)
Deviation from squareness (s)	≤ a la tol.	mm	≤ 0,5% de (w)
Length (l)	A medida. ⁽¹⁾	mm	l ≤ 3.000 mm +10,0/-5,0 l > 3.000 mm + 20,0/-5,0
Deviation of side lap (D)	≤ a la tol.	mm	± 2,0 sobre 500 mm
Curve radius and angles	---	°	---
Reaction to fire	Clase A1 ⁽²⁾ / Clase C-s3,d0 ⁽³⁾		

⁽¹⁾ Lenght. Max. 4.500 mm; Lenght. Min.: 100 mm
⁽²⁾ Class A1: According to commission decision 2010/737/UE
⁽³⁾ Class C-s3,d0: According to commission decision 2010/737/UE for Plastisol PVC coating


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OVERLAP DETAIL

SECTION DETAIL

3D DETAIL

LOAD TABLES (daN/m²) – Limitation of deflection: L/200

SPAN (m)	POSITIVE LOADS				NEGATIVE LOADS			
	Thickness (mm)				Thickness (mm)			
	0,70	0,75	1,00	1,20	0,70	0,75	1,00	1,20
3,25	173	187			173	187		
3,50	139	149			139	149		
3,75	113	121	164	198	113	121	164	198
4,00	93	100	135	163	93	100	135	163
4,25	78	83	113	136	78	83	113	136
4,50	65	70	95	115	65	70	95	115

SPAN (m)	POSITIVE LOADS				NEGATIVE LOADS			
	Thickness (mm)				Thickness (mm)			
	0,70	0,75	1,00	1,20	0,70	0,75	1,00	1,20
2,25	>300	>300	>300	>300	>300	>300	>300	>300

The maximum light in vain of 2.25 m, is conditioned by the maximum length of manufacture of 4,50 m.

 For any further clarification, you can contact Technical Department (tecnico@europafil.com) or by phone).

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