

**SCOPE**

Self-supporting roofing product for discontinuous laying made from metallic coated steel sheet with or without additional organic coatings used as roofing profile.

**MATERIAL (Steel)**

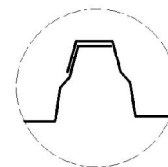
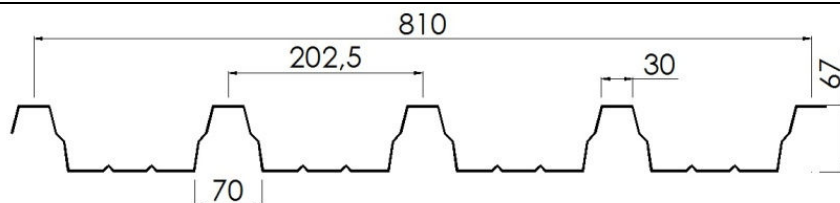
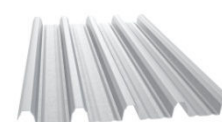
CHARACTERISTIC	STAND. REF.	Thickness (mm)					
		0,60	0,70	0,75	0,80	1,00	1,20
Weight (kg/m <sup>2</sup> )		7,27	8,48	9,09	9,69	12,11	14,54
I <sub>g</sub> (cm <sup>4</sup> /ml)		54,114	63,778	68,609	73,441	92,768	112,094
W <sub>1</sub> (cm <sup>3</sup> /ml)		24,460	28,848	31,037	33,226	41,989	50,760
W <sub>2</sub> (cm <sup>3</sup> /ml)		12,058	14,207	15,282	16,358	20,658	24,956

**GEOMETRICAL CHARACTERISTICS**

CHARACTERISTIC	VALUE	UNIT	TOLERANCE
Depth of profile (h)	67	mm	± 1,5
Depth of stiffeners	4	mm	± 1,0
Pitch	202,5	mm	± 3,0
Widths of crown and valley (b <sub>1</sub> ,b <sub>2</sub> )	(30,132,5)	mm	+2,0/-1,0
Cover width (w)	810	mm	± h/10 (Max.: 15 mm)
Radius of bends (r)	---	mm	+ 2,0 / 0,0
Deviation from straightness (δ)	≤ tolerance	mm	2,0 /ml (Max.: 10,0)
Deviation from squareness (s)	≤ tolerance	mm	≤ 0,5% de (w)
Length (l)	According to order <sup>(1)</sup>	mm	l ≤ 3.000 mm +10,0/-5,0 l > 3.000 mm + 20,0/-5,0
Deviation of side lap (D)	≤ tolerance	mm	± 2,0 on 500 mm
Curve radius and angles	---	°	---
Reaction to fire	Class A1 <sup>(2)</sup> / Class C-s3,d0 <sup>(3)</sup>		



<sup>(1)</sup> Maximum length: 14.000 mm; Minimum length: 1.200 mm  
<sup>(2)</sup> Class A1: According to commission decision 2010/737/UE  
<sup>(3)</sup> Class C-s3,d0: According to commission decision 2010/737/UE for Plastisol PVC coating


 07  
 EN 14782:2006

**OVERLAP DETAIL**

**SECTION DETAIL**

**3D DETAIL**

**PERMISSIBLE SPAN (m) FOR POSITIVE LOADS – Limitation of deflection: L/200**

Positive load (daN/m <sup>2</sup> )	Two-span beam						Three-span beam					
	Espesor (mm)											
	0,60	0,70	0,75	0,80	1,00	1,20	0,60	0,70	0,75	0,80	1,00	1,20
50	2,55	2,95	3,50	3,70	4,50	4,80	4,00	4,40	4,50	4,60	4,95	5,30
75	2,55	2,95	3,50	3,70	4,20	4,45	4,00	4,40	4,50	4,60	4,95	5,30
100	2,55	2,95	3,45	3,55	3,80	4,05	4,00	4,35	4,45	4,55	4,90	5,15
125	2,55	2,95	3,20	3,30	3,55	3,75	3,60	4,05	4,15	4,25	4,55	4,85
150	2,55	2,95	3,00	3,10	3,35	3,55	3,30	3,75	3,85	3,95	4,30	4,55
175	2,55	2,80	2,85	2,95	3,15	3,35	3,05	3,45	3,60	3,70	4,05	4,30
200	2,50	2,70	2,75	2,80	3,00	3,20	2,85	3,25	3,35	3,45	3,85	4,15
225	2,45	2,55	2,65	2,70	2,90	3,10	2,70	3,05	3,15	3,25	3,65	3,95
250	2,35	2,50	2,55	2,60	2,80	3,00	2,55	2,90	3,00	3,10	3,45	3,75

**PERMISSIBLE SPAN (m) FOR NEGATIVE LOADS (fastening to valley)**

Steel support thickness (mm)	Negative load (daN/m <sup>2</sup> )												
		Thickness (mm)											
		0,60	0,70	0,75	0,80	1,00	1,20	0,60	0,70	0,75	0,80	1,00	1,20
3,00	50	2,55	2,95	3,50	3,70	4,50	4,80	4,10	4,40	4,50	4,60	4,95	5,30
	75	2,55	2,95	3,50	3,70	4,20	4,45	4,10	4,40	4,50	4,60	4,95	5,25
	100	2,55	2,95	3,45	3,55	3,80	4,05	3,95	3,95	3,95	3,95	3,95	3,95
	125	2,55	2,95	3,20	3,30	3,55	3,75	3,15	3,15	3,15	3,15	3,15	3,15
	150	2,55	2,95	3,00	3,10	3,30	3,30	2,60	2,60	2,60	2,60	2,60	2,60
	175	2,55	2,80	2,80	2,80	2,80	2,80	2,25	2,25	2,25	2,25	2,25	2,25
6,00	200	2,45	2,45	2,45	2,45	2,45	2,45	1,95	1,95	1,95	1,95	1,95	1,95
	50	2,55	2,95	3,50	3,70	4,50	4,80	4,10	4,40	4,50	4,60	4,95	5,30
	75	2,55	2,95	3,50	3,70	4,20	4,45	4,10	4,40	4,50	4,60	4,95	5,30
	100	2,55	2,95	3,45	3,55	3,80	4,05	4,00	4,35	4,45	4,55	4,90	5,15
	125	2,55	2,95	3,20	3,30	3,55	3,75	3,70	4,05	4,15	4,25	4,55	4,85
	150	2,55	2,95	3,00	3,10	3,35	3,55	3,45	3,80	3,90	4,00	4,30	4,55
10,00	175	2,55	2,80	2,85	2,95	3,15	3,35	3,20	3,60	3,70	3,75	4,05	4,30
	200	2,50	2,70	2,75	2,80	3,00	3,20	3,00	3,40	3,50	3,60	3,90	3,95
	50	2,55	2,95	3,50	3,70	4,50	4,80	4,10	4,40	4,50	4,60	4,95	5,30
	75	2,55	2,95	3,50	3,70	4,20	4,45	4,10	4,40	4,50	4,60	4,95	5,30
	100	2,55	2,95	3,45	3,55	3,80	4,05	4,00	4,35	4,45	4,55	4,90	5,15
	125	2,55	2,95	3,20	3,30	3,55	3,75	3,70	4,05	4,15	4,25	4,55	4,85
10,00	150	2,55	2,95	3,00	3,10	3,35	3,55	3,45	3,80	3,90	4,00	4,30	4,55
	175	2,55	2,80	2,85	2,95	3,15	3,35	3,20	3,60	3,70	3,75	4,05	4,30
	200	2,50	2,70	2,75	2,80	3,00	3,20	3,00	3,40	3,50	3,60	3,90	4,15

The partial safety factor of the fastening is 2,00.

For any further clarification, you can contact Technical Department ([tecnico@europafil.com](mailto:tecnico@europafil.com) or by phone).  
 EUROPERFIL, S.A. reserves the right to change this document without notice