

RANGE OF APLICATIONS:

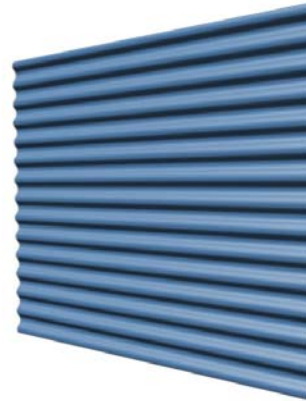
Simple façade - vertical/horizontal
 Sandwich façade - exterior vertical/horizontal
 Sandwich façade - interior vertical/horizontal
 Covering sandwich - Interior profile
 Simple covering and sandwich - Exterior profile

RAW MATERIALS:

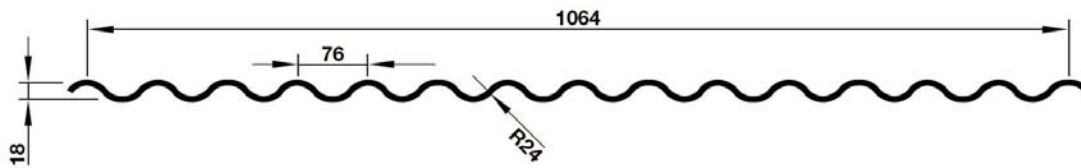
Steel quality: EN 10326
 Galvanised Steel: EN 10326
 Pre-lacquered Steel: EN 10169-1
 Dimensional and shape tolerances: EN 10143
 Colours and qualities:
 See the EUROPERFIL colour chart

STATIC VALUES COMPLETE SECTION



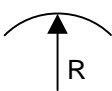
Thickness mm	Weight Kg/m ²	Ig cm ⁴ /ml	W1 cm ³ /ml	W2 cm ³ /ml
0,63	5,81	2,435	2,705	2,705
0,70	6,46	2,723	3,026	3,026
0,75	6,92	2,930	3,255	3,255
0,80	7,38	3,136	3,485	3,485
0,88	8,12	3,466	3,851	3,851
1,00	9,22	3,961	4,402	4,402
1,20	11,07	4,787	5,319	5,319



GEOMETRIC CHARACTERISTICS



MANUFACTURING SPECIFICATIONS AND ACCESSORIES

Haironphone Perforated max. thick. 1mm		NO		Flat curved		covering	NO		
Profiled thickness		min.	0,60 mm.		Gradual curved		facade	NO	
		max.	1,20 mm.				covering	NO	
Min. profiled length		1.800 mm.		Ribbed grey joining piece		facade	NO		
Min. length cut		100 mm.				covering	NO		
Max. profiled length		14.000 mm.		Ribbed polyester			YES		
Die cutting		covering	NO		Approximate Max. load m2/lorry			2.200	
		facade	NO				Cut at 45 ° angle		YES
Curved radius according to position		Position							
		Thickness(mm.)	0,60	0,75	1	0,60	0,75	1	
		Radius (m.)	12	9	8	12	9	8	

The values provided in this document are derived from tests carried out under the control of BUREAU VERITAS, and conform to the French REGULATIONS for the manufacturing and use of metallic profiles (NFP 34.503), according to the report DEM 7 91 345 02. EUROPERFIL, S.A. reserves the right to modify any of the characteristics of the profile without previous notice.

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TABLE OF PERMISSIBLE LOADS (in daN/m²)

Distance between supports (m.)	Acceptable loads in daN/m ²					
						
	Thickness (mm.)					
	0,60	0,75	0,60	0,75	0,60	0,75
1,00	287	342	241	298	297	368
1,25	148	177	160	196	197	242
1,50	86	102	113	138	140	171
1,75	54	64	85	103	102	122
2,00	36	43	66	80	68	82
2,25	25	30	52	63	48	57
2,50		22		52		42

FACADES: HORIZONTAL ASSEMBLY

In the case of facades with the profile "minionda" in the horizontal position, the limitations of use are established by aesthetic criteria:

- Maximum distance acceptable between vertical supports: 1.5m
- Minimum thickness: 0.75mm.
- Support tolerances: ± 2cm maximum drop in all of the facade. In cases where this tolerance is passed an intermediate adjustable profile should be used.
- Avoid pressing the insulator against the exterior profile by leaving an air chamber.

Placement sequence

4 (over 3)	8 (over 4)
3 (over 2)	7 (over 3, under 4)
2 (over 1)	6 (over 2, under 3)
1	5 (over 1, under 2)

← Prevailing wind

COVERINGS

The design of the profile "minionda" means that it is not well suited for use in coverings because of its reduced inertia and high rib. Because of this its use should be limited to specific cases, in covering small lengths of a steep slope, (>15%), with a lateral covering of two undulations and use of sealing accessories on the flaps.

In order to avoid overloading due to the transit of people during assembly, walkways should be used. A minimum thickness of 0.75mm and a maximum distance between supports of 1.25m are recommended.