

# PerfiRey Facade Post

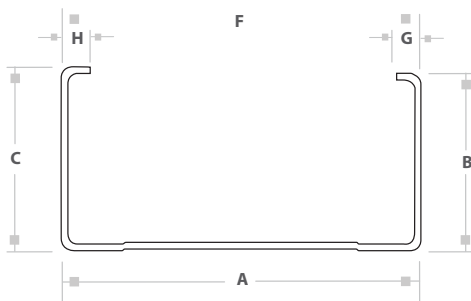
One of the main elements that form the structure for the facade systems. Thanks to the manufacturing quality, these profiles have the durability and optimum resistance to wind thrusts and seismic forces, as well as providing the cavity to install the thermal and acoustic insulation.

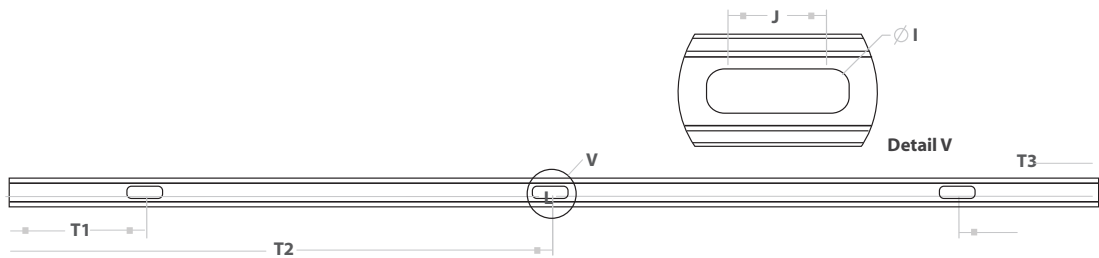
PerfiRey facade posts are distinguished for being manufactured under the American Society for Testing Materials (ASTM 653 CS Type B) norms and standards, so they represent your best option for your construction project.

Dimensions (in)							
Width A	Caliber	Flank B*	Flank C*	Width F	Lip G	Lip H	*Knurling M
± 0.153 (0.060)				± 0.153 (0.060)			
4.10 (1 5/8)	20	3.226 (1.270)		1.550 – 1.700	0.250		0.005 – 0.025
6.35 (2 1/2)	20	3.226 (1.270)		2.440 – 2.560	0.300		0.005 – 0.025
9.20 (3 5/8)	20	3.226 (1.270)		3.565 – 3.685	0.300		0.005 – 0.025
15.24 (6)	20	3.226 (1.270)		5.940 – 6.060	0.300		0.005 – 0.025

Caliber	Nominal Length L	Stamped						
		Length L ≤ 96			Length L > 96			Diameter 1
		T1	T2	T3	T1	T2	T3	
20	± 1/8	11.75 – 12.25	35.75 – 36.25	11.75 – 12.25	11.75 – 12.25	L/2 ± 1/4	11.75 – 12.25	0.875 – 1.125
		15.75 – 16.25	35.75 – 36.25	15.75 – 16.25	15.75 – 16.25	L/2 ± 1/4	15.75 – 16.25	1.375 – 1.625

Width	Weight Kg/m	Area cm <sup>2</sup>	Ix cm <sup>4</sup>	Sx cm <sup>3</sup>	Rx cm	Iy cm <sup>4</sup>	Sy cm <sup>3</sup>	Ry cm <sup>3</sup>
4.10 cm	0.88	1.03	3.06	1.49	1.72	1.36	0.69	1.15
6.35 cm	0.96	1.23	8.20	2.58	2.58	2.91	1.34	1.54
9.20 cm	1.16	1.49	19.26	4.19	3.59	6.90	2.95	2.15
15.24 cm	1.60	2.04	64.06	8.41	5.60	27.52	10.80	3.67





### Limitations:

- These metallic profiles are designed exclusively to withstand wind thrusts and must be used for facade coatings; therefore, they must not be subject to axial loads.
- For special designs, load variations, fixings and best installation practices, please contact the Panel Rey Engineering Department.
- The metallic profiles must not be subject to extreme damp conditions; therefore, it is recommended to protect them with a TYVEK damp-proof membrane.
- The protection of the structure is recommended in coastal areas of high relative humidity and salinity:

a)The application of an anti-corrosive primer on the vulnerable points such as the structure fixings, joins to other elements, perforations for the passage of installations and any cut made on site.

b)The installation of a TYVEK damp proof membrane.

c)The immediate installation of a final coating.

### Storage:

- The metallic profiles should be stored in a dry covered store.
- They must not be stacked directly on the ground.

- Consult the Panel Rey technical manuals to select the width and caliber of the profile, as well as its separation between posts (depending on design).

- For special designs, additional reinforcements, special fixings and technical advice, please contact the Panel Rey Engineering Department.

For more information contact us:

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