

CrossRail 80



DATA SHEET



Part Number	Description
4000708	CrossRail 80 172", Mill
4001370	SPO CrossRail 80, 216" Rail, Mill

TECHNICAL DATA



Mechanical Properties

	CrossRail 80
Material	6000 Series Aluminum
Ultimate Tensile Strength	37.7 ksi (260 MPa)
Yield Strength	34.8 ksi (240 MPa)
Weight	.76 lbs/ft (1.13 kg/m)
Florida Product Approval	FL#46869

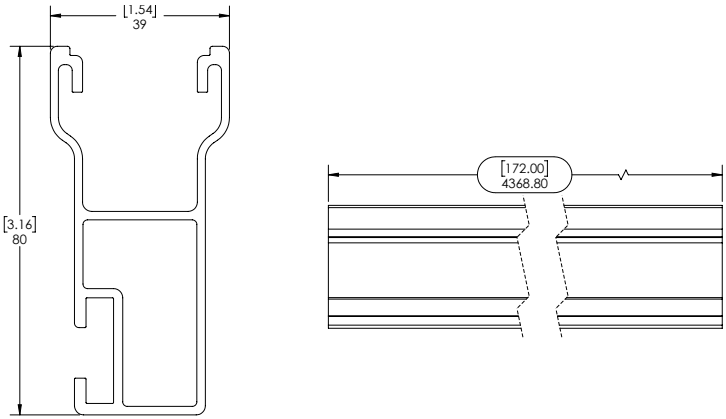
Sectional Properties

	CrossRail 80
Sx	0.529 in3 (8.699 cm3)
Sy	0.2514 in3 (4.120 cm3)
A (X-Section)	0.777 in2 (5.013 cm2)

LOAD		RAIL SPAN								
SNOW (psf)	WIND (mph)	32"	4'	64"	6'	80"	8'	112"	10'	12'
0	120	44X/MAX	48X	48XL	CR80					
0	140									
0	160									
10	120	44X/MAX	48X	48XL	CR80					
10	140									
10	160									
20	140	44X/MAX	48X	48XL	CR80					
20	160									
30	160									
40	160	44X/MAX	48X	48XL	CR80					
80	160									
100	160									



Units: [mm] in



Notes:

- T Structural values and span charts determined in accordance with Aluminum Design Manual and ASCE 7-16
- T UL2703 Listed System for Fire and Bonding