



Rails Technical specifications

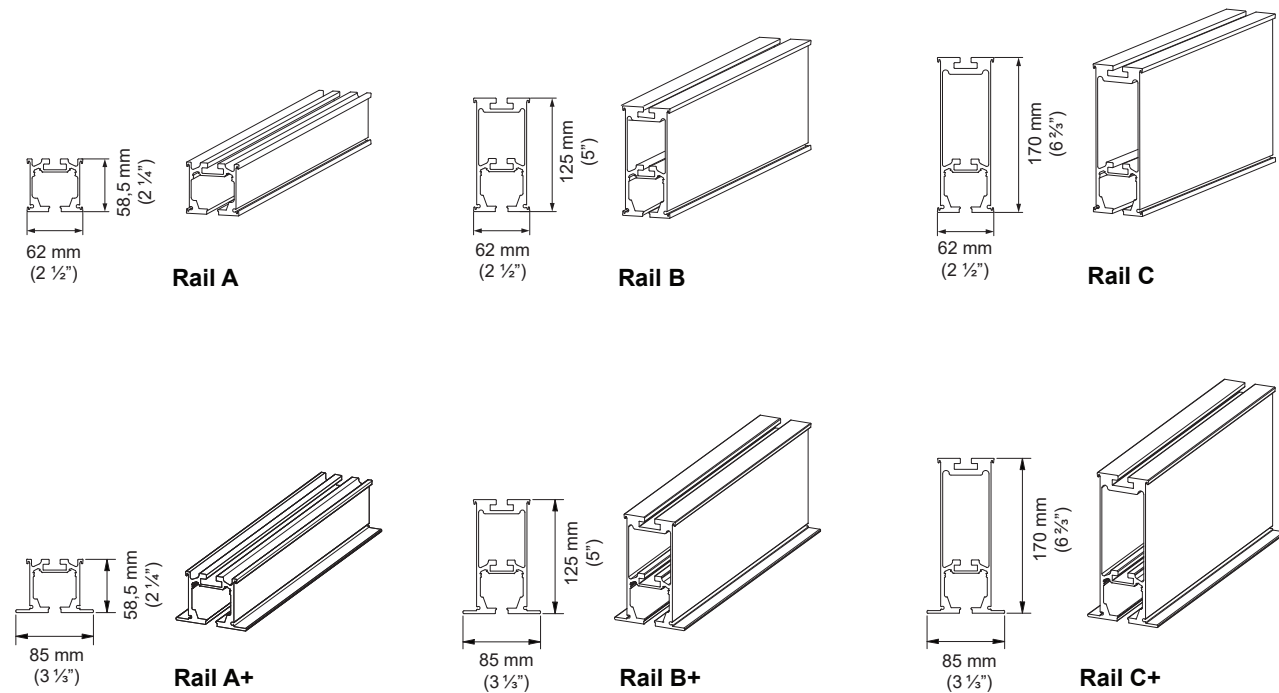
Materials

Materiale : Aluminium 6063 T6
 Surface treatment : Anodized Nature

Chemical composition (%) EN 573-3									
Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other elements	
								Each	Together
0.20-0.60	0.35	0.10	0.10	0.45-0.90	0.10	0.10	0.10	0.05	0.15

Weight

Rail weight per meters					
Rail A	Rail B	Rail C	Rail A+	Rail B+	Rail C+
2.9 kg	5.2 kg	6.0 kg	3.1 kg	5.3 kg	6.2 kg



Time to care



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Maximum distance between brackets and projection according to SWL and ISO EN 10535:2021 regarding deflection 1:200

		Max projection			Max distance between supporting points																			
Meter		0.23	0.7	1.2	1.0	1.25	1.5	1.75	2.0	3.0	3.5	3.75	4.0	4.5	4.75	5.25	5.5	6.0	6.25	6.75	7.0	7.25	8.0	
Inch		9	27	47	39	49	59	68	78	118	137	147	157	177	187	206	215	236	246	265	275	285	314	
Max 175 kg (385 lbs)	Rail A	x							x															
	B		x														x							
	C			x																			x	
Max 205 kg (450 lbs)	Rail A	x							x															
	B		x														x							
	C			x																			x	
Max 255 kg (560 lbs)	Rail A	x						x																
	B		x														x							
	C			x																			x	
Max 275 kg (605 lbs)	Rail A	x						x																
	B		x														x							
	C			x																		x		
Max 300 kg (660 lbs)	Rail A	x						x																
	B		x																					
	C			x																			x	
Max 350 kg (770 lbs)	Rail A	x						x																
	B		x																					
	C			x																			x	
Max 375 kg (825 lbs)	Rail A	x						x																
	B		x																					
	C			x																			x	
Max 400 kg (880 lbs)	Rail A	x						x																
	B		x																					
	C			x																			x	
Max 500 kg (1100 lbs)	Rail A	x						x																
	B		x																					
	C			x																			x	