AFMRS1000 ALUMINUM FLOOR MOUNTED RAIL CAPACITY CHART (RAD7510 RUNWAY RAILS - 6" [152mm] BACKER / RAD7510 SINGLE BRIDGE RAIL - NO BACKER)

(DEFLECTION CRITERIA BASED UPON L/350)

BRIDGE LENGTH																																							
ft	m	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg
28	8.53	630	285	630	285	630	285	630	285	630	285	630	285	630	285	630	285	630	285	630	285	630	285	630	285	630	285	630	285	630	285	630	285	630	285	514	233	339	153	180	81
27	8.23	710	322	710	322	710	322	710	322	710	322	710	322	710	322	710	322	710	322	710	322	710	322	710	322	710	322	710	322	710	322	710	322	710	322	547	248	373	169	214	97
26	7.92	800	362	800	362	800	362	800	362	800	362	800	362	800	362	800	362	800	362	800	362	800	362	800	362	800	362	800	362	800	362	800	362	800	362	773	350	580	263	406	184	247	247
25	7.62	890	403	890	403	890	403	890	403	890	403	890	403	890	403	890	403	890	403	890	403	890	403	890	403	890	403	890	403	890	403	890	403	890	403	806	365	614	278	439	199	280	127
24	7.31	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	1,000	453	839	380	647	293	472	214	313	141
23	7.01	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,120	508	1,086	492	873	395	680	308	505	229	346	156
22	6.70	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,260	571	1,119	507	906	410	713	323	539	244	380	172
21	6.40	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,410	639	1,390	630	1,152	522	939	425	746	338	572	259	413	187
20	6.09	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,590	721	1,423	645	1,186	537	972	440	780	353	605	274	446	202
19	5.79	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,790	812	1,722	781	1,456	660	1,219	552	1,005	455	813	368	638	289	479	217
18	5.49	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	2,030	920	1,756	796	1,490	675	1,252	567	1,039	471	846	383	671	304	512	232
17	5.18	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,300	1,043	2,089	947	1,789	811	1,523	690	1,285	582	1,072	486	879	398	705	319	546	247
16	4.88	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,630	1,192	2,461	1,116	2,122	962	1,822	826	1,556	705	1,318	597	1,105	501	912	413	738	334	579	262
15	4.57	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	2,882	1,307	2,495	1,131	2,155	977	1,855	841	1,589	720	1,352	613	1,138	516	946	429	771	349	612	277
14	4.27	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	2,915	1,322	2,528	1,146	2,188	992	1,888	856	1,622	735	1,385	628	1,171	531	979	444	804	364	645	292
13	3.96	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	2,949	1,337	2,561	1,161	2,221	1,007	1,922	871	1,656	751	1,418	643	1,205	546	1,012	459	837	379	678	307
12	3.66	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	2,982	1,352	2,594	1,176	2,255	1,022	1,955	886	1,689	766	1,451	658	1,238	561	1,045	474	871	395	712	322
11	3.35	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	2,627	1,191	2,288	1,037	1,988	901	1,722	781	1,484	673	1,271	576	1,078	488	904	410	745	337
10	3.05	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	3,000	1,360	2,661	1,207	2,321	1,052	2,021	916	1,755	796	1,518	688	1,304	591	1,112	504	937	425	778	352
		10 ft. [3.05m]		11 ft. [3.35m]		12 ft. [3.66m]		13 ft. [3.96m]		14 ft. [4.27m]		15 ft. [4.57m]		16 ft. [4.88m]		17 ft. [5.18m]		18 ft. [5.49m]		19 ft. [5.79m]		20 ft. [6.09m]		21 ft. [6.40m]		22 ft. [6.70m]		23 ft. [7.01m]		24 ft. [7.31m]		25 ft. [7.62m]		26 ft. [7.92m]		27 ft. [8.23m]		28 ft. [8.53m]		29 ft. [8.83m]		30 ft. [9.14m]	
		RUNAWAY LENGTH																																							

AFMRS1000 ALUMINUM FLOOR MOUNTED RAIL CAPACITY CHART (RAD7510 RUNWAY RAILS - 6" [152mm] BACKER / RAD7510 DUAL BRIDGE RAILS - NO BACKER)

(DEFLECTION CRITERIA BASED UPON L/350)

BRIDGE LENGTH																																								
ft	m	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg
28	8.53	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143	315	143
27	8.23	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161	355	161
26	7.92	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181	400	181
25	7.62	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	445	202	444	202
24	7.31	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	500	227	453	205
23	7.01	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	560	254	461	209
22	6.70	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	630	286	469	213
21	6.40	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	705	320	642	291	556	252	477	217
20	6.09	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	795	361	746	338	651	295	564	256	486	220
19	5.79	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	895	406	859	390	754	342	659	299	573	260	494	224
18	5.49	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	1,015	460	984	446	867	393	762	346	667	303	581	264	502	228
17	5.18	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,150	522	1,123	510	993	450	876	397	771	350	676	306	589	267	511	232
16	4.88	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,315	596	1,279	580	1,132	513	1,001	454	884	401	779	353	684	310	598	271	519	235
15	4.57	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,515	687	1,453	659	1,287	584	1,140	517	1,009	458	892	405	787	357	692	314	606	275	527	239
14	4.27	1,755	796	1,755	796	1,755	796	1,755	796	1,755	796	1,755	796	1,755	796	1,755	796	1,755	796	1,755	796	1,755	796	1,755	796	1,651	749	1,462	663	1,295	588	1,148	521	1,018	462	901	408	795	361	700	318	614	279	536	243
13	3.96	2,050	930	2,050	930	2,050	930	2,050	930	2,050	930	2,050	930	2,050	930	2,050	930	2,050	930	2,050	930	1,876	851	1,659	753	1,470	667	1,304	591	1,157	525	1,026	465	909	412	804	365	709	321	623	282	544	247
12	3.66	2,365	1,073	2,365	1,073	2,365	1,073	2,365	1,073	2,365	1,073	2,365	1,073	2,365	1,073	2,365	1,073	2,365	1,073	2,135	969	1,885	855	1,667	756	1,478	670	1,312	595	1,165	528	1,034	469	917	416	812	368	717	325	631	286	552	250
11	3.35	2,590	1,175	2,590	1,175	2,590	1,175	2,590	1,175	2,590	1,175	2,590	1,175	2,590	1,175	2,590	1,175	2,436	1,105	2,144	972	1,893	859	1,676	760	1,486	674	1,320	599	1,173	532	1,042	473	925	420	820	372	725	329	639	290	560	254
10	3.05	2,855	1,295	2,855	1,295	2,855	1,295	2,855	1,295	2,855	1,295	2,855	1,295	2,855	1,295	2,788	1,265	2,444	1,109	2,152	976	1,901	862	1,684	764	1,495	678	1,328	603	1,181	536	1,051	477	934	424	829	376	734	333	647	294	569	258
		10 ft. [3.05m]		11 ft. [3.35m]		12 ft. [3.66m]		13 ft. [3.96m]		14 ft. [4.27m]		15 ft. [4.57m]		16 ft. [4.88m]		17 ft. [5.18m]		18 ft. [5.49m]		19 ft. [5.79m]		20 ft. [6.09m]		21 ft. [6.40m]		22 ft. [6.70m]		23 ft. [7.01m]		24 ft. [7.31m]		25 ft. [7.62m]		26 ft. [7.92m]		27 ft. [8.23m]		28 ft. [8.53m]		29 ft. [8.83m]		30 ft. [9.14m]	
		RUNAWAY LENGTH																																							