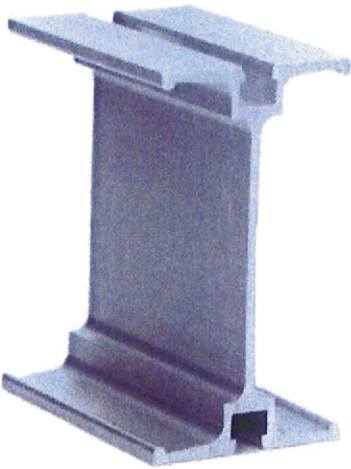
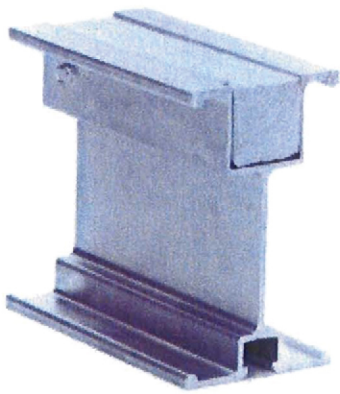




SKYWAY Aluminum Beam



SUPERIOR BENEFITS

- Eliminate up to 1/3 of the horizontal members and as much as 1/2 of the vertical supports, using aluminum beams instead of wooden ones
- Reduced weight of each beam combined with fewer structural members minimizes worker strain. Lower worker fatigue means higher worker efficiency and lower costs
- The greater the shoring height, the more these advantages benefit you
- **Safer:** Wider flanges resist overturning. Fewer accidents and injuries mean less employee downtime and lower insurance costs
- **Stronger:** Reinforced side flanges resist bending and retain beam clips. Employees spend less time repairing and more time working
- **More Efficient:** Bevels on T-bolt slots provide for fast alignment of T-bolt components. Rapid assembly moves the project ahead, overcomes unforeseen delays quickly
- **More Versatile:** Wood and plastic insert allows for nailing or screwing down plywood decking. Less subject to damage. Re-usable. It all adds up to less inventory, less storage, lower transportation cost, and lower carrying costs
- Skyway T-bolt Comes With Beam Clips: 12mm (1/2") T-bolt slots provide for easy fastening of beams and stringers to their supports or to each other. Your workers will be more productive and the lower labour costs will be reflected in your bottom line



SKYWAY

Aluminum Beam

Safer, Stronger, Efficient, Versatile

6.50" ALUMINUM JOIST BEAM LOAD TABLES

DEFLECTION LIMITED TO L/360
Allowable UDL. (plf)

SPAN (FT)	1 SPAN	2 SPANS	3 SPANS
2	5570	4456	5064
3	3713	2971	3376
4	2785	2228	2532
5	2157	1782	2025
6	1248	1485	1688
7	786	1273	1447
8	527	1114	996
9	370	891	699
10	270	649	510
11	203	488	383
12	156	376	295
13	123	296	232
14	98	237	186
15	80	192	151

DEFLECTION LIMITED TO L/270
Allowable UDL. (plf)

SPAN (FT)	1 SPAN	2 SPANS	3 SPANS
2	5570	4456	5064
3	3713	2971	3376
4	2785	2228	2532
5	2228	1782	2025
6	1580	1485	1688
7	1048	1273	1447
8	702	1114	1266
9	493	990	933
10	359	866	680
11	270	651	511
12	208	501	393
13	164	394	309
14	131	316	248
15	107	257	201

FACTOR OF SAFETY - 2.2 : 1 INCLUDED
DESIGN LOAD = DEAD LOAD + LIVE LOAD

DEFLECTION LIMITED TO 5mm (.25in)
Allowable UDL. (plf)

SPAN (FT)	1 SPAN	2 SPANS	3 SPANS
2	5570	4456	5064
3	3713	2971	3376
4	2785	2228	2532
5	2228	1782	2025
6	1560	1485	1688
7	842	1273	1447
8	494	1114	934
9	308	742	583
10	202	487	382
11	138	333	261
12	98	235	184
13	71	171	134
14	53	127	100
15	40	96	76

7.25" ALUMINUM STRINGER BEAM LOAD TABLES

DEFLECTION LIMITED TO L/360
Allowable UDL. (plf)

SPAN (FT)	1 SPAN	2 SPANS	3 SPANS
2	9090	8800	9167
3	6060	5867	6111
4	4545	4400	4583
5	3636	3520	3667
6	2121	2933	3056
7	1336	2514	2526
8	895	2156	1692
9	628	1514	1189
10	458	1104	867
11	344	829	651
12	265	639	501
13	209	502	394
14	167	402	316
15	136	327	257

DEFLECTION LIMITED TO L/270
Allowable UDL. (plf)

SPAN (FT)	1 SPAN	2 SPANS	3 SPANS
2	9090	8800	9167
3	6060	5867	6111
4	4545	4400	4583
5	3636	3520	3667
6	2828	2933	3056
7	1781	2514	2619
8	1193	2200	2257
9	838	1956	1585
10	611	1472	1155
11	459	1106	868
12	354	852	669
13	278	670	526
14	223	536	421
15	181	436	342

FACTOR OF SAFETY - 2.2 : 1 INCLUDED
DESIGN LOAD = DEAD LOAD + LIVE LOAD

DEFLECTION LIMITED TO 5mm (.25in)
Allowable UDL. (plf)

SPAN (FT)	1 SPAN	2 SPANS	3 SPANS
2	9090	8800	9167
3	6060	5867	6111
4	4545	4400	4583
5	3636	3520	3667
6	2651	2933	3056
7	1431	2514	2619
8	839	2021	1587
9	524	1262	991
10	344	828	650
11	235	565	444
12	166	399	313
13	120	290	228
14	89	215	169
15	68	164	128

*Consult Skyway Canada Ltd. Engineering Dept. for other beam configurations



For more information contact us at
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www.skywaycanada.ca

*All specifications and load information should be confirmed with Skyway prior to use.