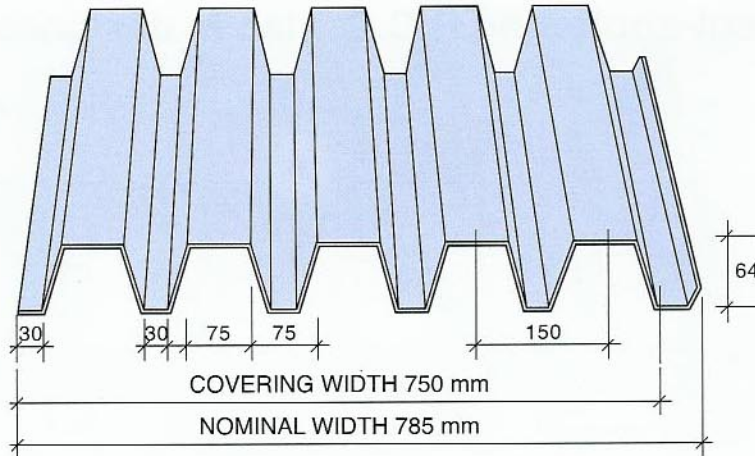


# DATA SHEET

# STEEL RH 64/150



APPLICATIONS  
Structural Decking

**N/M<sup>2</sup>**

ALLOWABLE LOAD TABLE:

mm	Span condition	Secondary beam centers in mm							M I	WEIGHT KG/M <sup>2</sup>	ZxTOP mm <sup>3</sup> /M	ZxBOTT. mm <sup>3</sup> /M
		2500	2750	3000	3250	3500	3750	4000				
0.45	△△	1457	1204	1012	862	744	645	537	426083	5.74	16373	11219
	△△△	1827	1505	1265	1078	929	810	712				
0.55	△△	1772	1465	1231	1049	904	788	653	518202	7.015	19910	13647
	△△△	2216	1831	1539	1311	1130	985	865				
0.65	△△	2084	1723	1448	1233	1063	926	768	609401	8.29	23414	16049
	△△△	2606	2153	1809	1542	1329	1158	1018				
0.70	△△	2239	1851	1555	1325	1142	995	825	654658	8.93	25152	17241
	△△△	2800	2313	1944	1656	1428	1244	1093				
0.80	△△	2547	2105	1769	1507	1299	1132	938	744491	10.204	28600	19608
	△△△	3183	2631	2211	1884	1624	1415	1244				
0.90	△△	2851	2356	1980	1687	1455	1267	1050	833419	11.48	32015	21951
	△△△	3564	2945	2475	2109	1818	1584	1392				

Working Load in N/m<sup>2</sup> and limiting deflection L/200. Yield strength considered is 345N/mm<sup>2</sup>.  
Values would change for other yield strengths.  
Profiles RH Factory LLC can produce in any length upto 16m and 0.785m width.