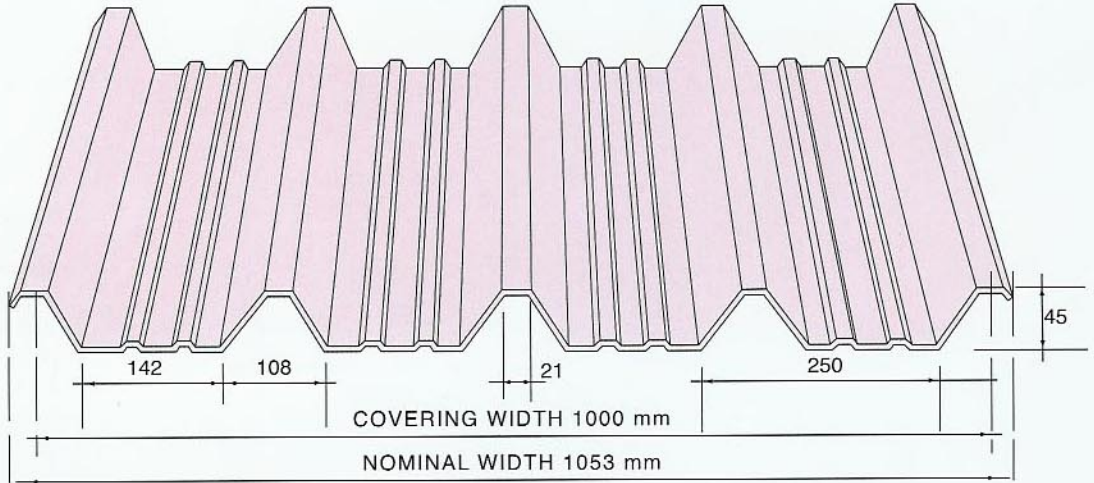


DATA SHEET

ALUMINIUM RH 45/250



APPLICATIONS
Roof and wall sheets

SPECIFICATIONS
REF. PROFILED ALUMINIUM SPEC. SHEET

N/M²

ALLOWABLE LOAD TABLE:

mm	Span condition	Purlins centers in mm					M I mm 4/M	WEIGHT KG/M ²	ZxTOP mm ³ /M	ZxBOTT. mm ³ /M
		1000	1250	1500	1750	2000				
0.50	△△	2100	1344	934	686	508	151122	1.67	4743	11506
	△△△	2626	1680	1167	857	656				
0.60	△△	2506	1604	1114	818	606	180232	2.00	5659	13705
	△△△	3133	2005	1392	1023	783				
0.70	△△	2908	1861	1292	949	702	208977	2.33	6565	15871
	△△△	3634	2326	1615	1187	909				
0.80	△△	3304	2115	1469	1079	798	237361	2.66	7460	18004
	△△△	4130	2643	1836	1349	1033				
0.90	△△	3696	2366	1643	1207	892	265386	3.00	8346	20104
	△△△	4620	2957	2054	1509	1155				
1.00	△△	4084	2614	1815	1333	985	293056	3.33	9220	22173
	△△△	5105	3267	2269	1667	1276				
1.20	△△	4845	3101	2154	1582	1167	347340	4.00	10941	26213
	△△△	6057	3876	2692	1978	1514				

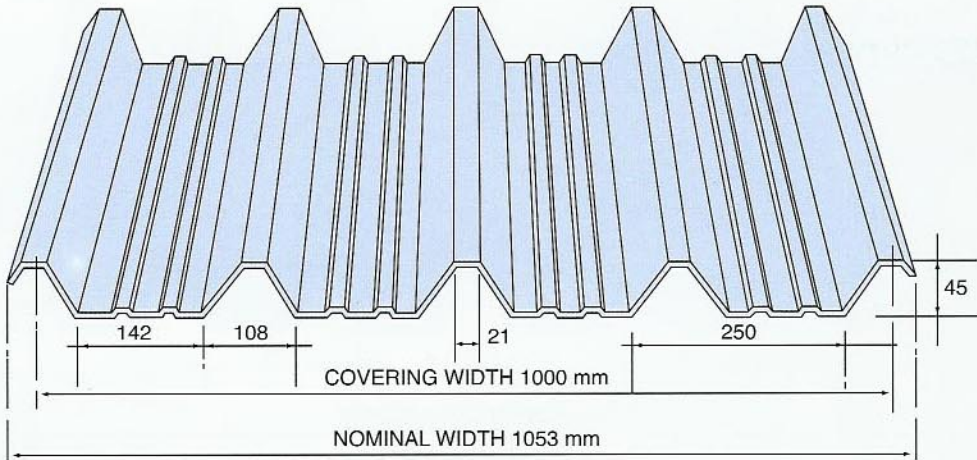
Working Load in N/m² and limiting deflection L/200. Yield strength considered is 160N/mm².

Values would change for other yield strengths.

Profiles RH Factory LLC can produce in any length upto 16m and 1.053m width.

DATA SHEET

STEEL RH 45/250



APPLICATIONS

Roof & wall sheet, Roof & wall liner and interior partition

SPECIFICATIONS

REF. PROFILED STEEL SPEC. SHEET

ALLOWABLE LOAD TABLE:

N/M²

mm	Span condition	Purlins centers in mm							M I mm 4/M	WEIGHT KG/M ²	ZxTOP mm ³ /M	ZxBOTT. mm ³ /M
		1000	1250	1500	1750	2000	2250	2500				
0.45	△△	4088	2654	1843	1354	1037	807	654	136430	4.31	4280	10394
	△△△	5184	3270	2271	1693	1296	1024	818				
0.55	△△	4968	3180	2240	1646	1260	981	795	165723	5.27	5201	12610
	△△△	6210	3974	2760	2057	1575	1244	994				
0.65	△△	5838	3791	2595	1934	1481	1170	984	194650	6.23	6113	14793
	△△△	7298	4671	3290	2383	1851	1462	1185				
0.70	△△	6270	4071	2786	2077	1567	1256	1018	208977	6.70	6564	15872
	△△△	7837	5088	3483	2596	1988	1570	1272				
0.80	△△	7125	4560	3165	2360	1781	1428	1156	237361	7.66	7460	18004
	△△△	8906	5782	3953	2950	2259	1785	1446				
0.90	△△	7970	5175	3594	2640	1993	1597	1294	265386	8.62	8346	20105
	△△△	9963	6376	4492	3253	2491	1996	1594				

Working Load in N/m² and limiting deflection L/200. Yield strength considered is 345N/mm².

Values would change for other yield strengths.

Profiles RH Factory LLC can produce in any length upto 16m and 1.053m width.