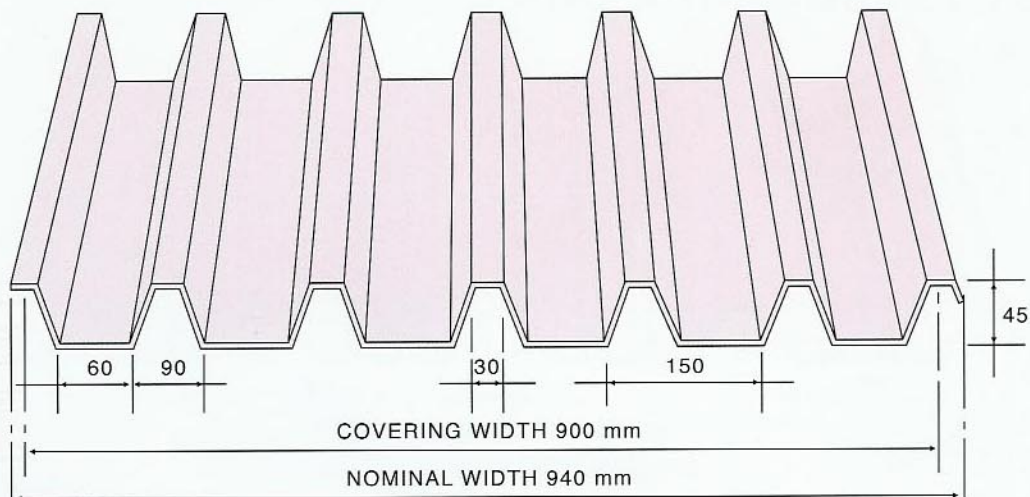


DATA SHEET

ALUMINIUM RH 45/150



APPLICATIONS

Roof and wall sheets

SPECIFICATIONS

REF. PROFILED ALUMINIUM 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				
0.50	△△	3325	2128	1478	996	667	198571	1.85	7671	10389
	△△△	4156	2660	1847	1357	1039				
0.60	△△	3963	2536	1761	1187	795	236756	2.22	9147	12385
	△△△	4954	3170	2202	1618	1238				
0.70	△△	4593	2939	2041	1376	922	274441	2.59	10605	14353
	△△△	5741	3674	2552	1875	1435				
0.80	△△	5214	3337*	2317	1563	1047	311630	2.96	12044	16294
	△△△	6518	4171	2897	2128	1629				
0.90	△△	5827	3729	2590	1747	1170	348329	3.33	13464	18209
	△△△	7284	4662	3237	2378	1821				
1.00	△△	6431	4116	2857	1929	1292	384540	3.70	14867	20098
	△△△	8039	5145	3573	2625	2010				
1.20	△△	7615	4874	3385	2285	1531	455519	4.44	17616	23797
	△△△	9519	6092	4231	3108	2380				

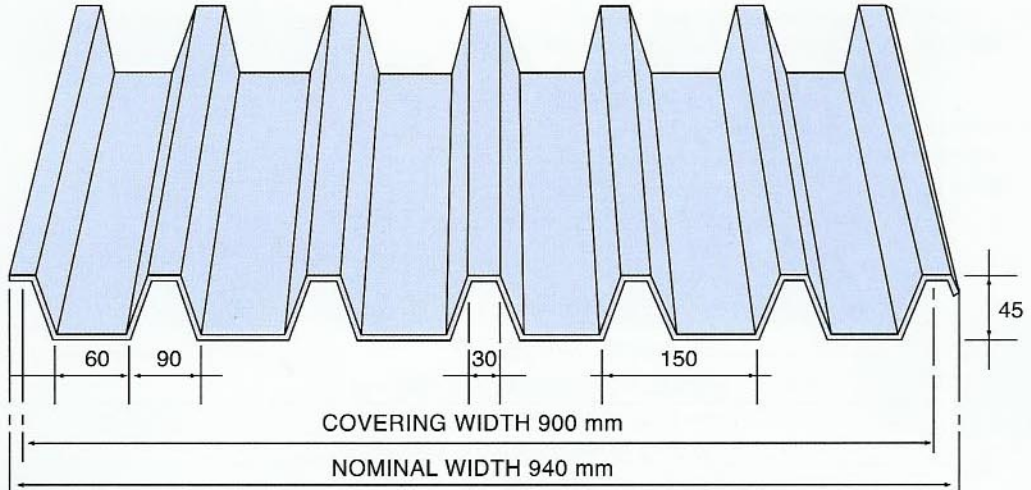
Working Load in N/m² and limiting deflection L/200. Yield strength considered is 160N/mm².

Values would change for other yield strengths.

Profiles RH Factory LLC can produce in any length upto 16m and 0.940m width.

DATA SHEET

STEEL RH 45/150



APPLICATIONS

Roof and wall sheet

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	△△	6473	4143	2877	2114	1618	1269	925	179290	4.79	6925	9382
	△△△	8092	5179	3596	2642	2023	1593	1295				
0.55	△△	7859	5030	3493	2566	1965	1541	1124	217726	5.85	8412	11391
	△△△	9824	6287	4366	3208	2456	1941	1572				
0.65	△△	9227	5991	4160	3056	2340	1810	1319	255660	6.92	9878	13373
	△△△	11533	7381	5126	3766	2883	2278	1872				
0.70	△△	9904	6338	4402	3281	2476	1943	1416	274441	7.45	10604	14353
	△△△	12379	7923	5502	4042	3095	2481	1981				
0.80	△△	11243	7196	4997	3671	2811	2206	1608	311630	8.51	12043	16294
	△△△	14054	8995	6246	4589	3514	2776	2249				
0.90	△△	12565	8041	5584	4103	3141	2466	1798	348329	9.58	13464	18210
	△△△	15706	10052	6980	5128	3926	3102	2513				

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 0.94m width.