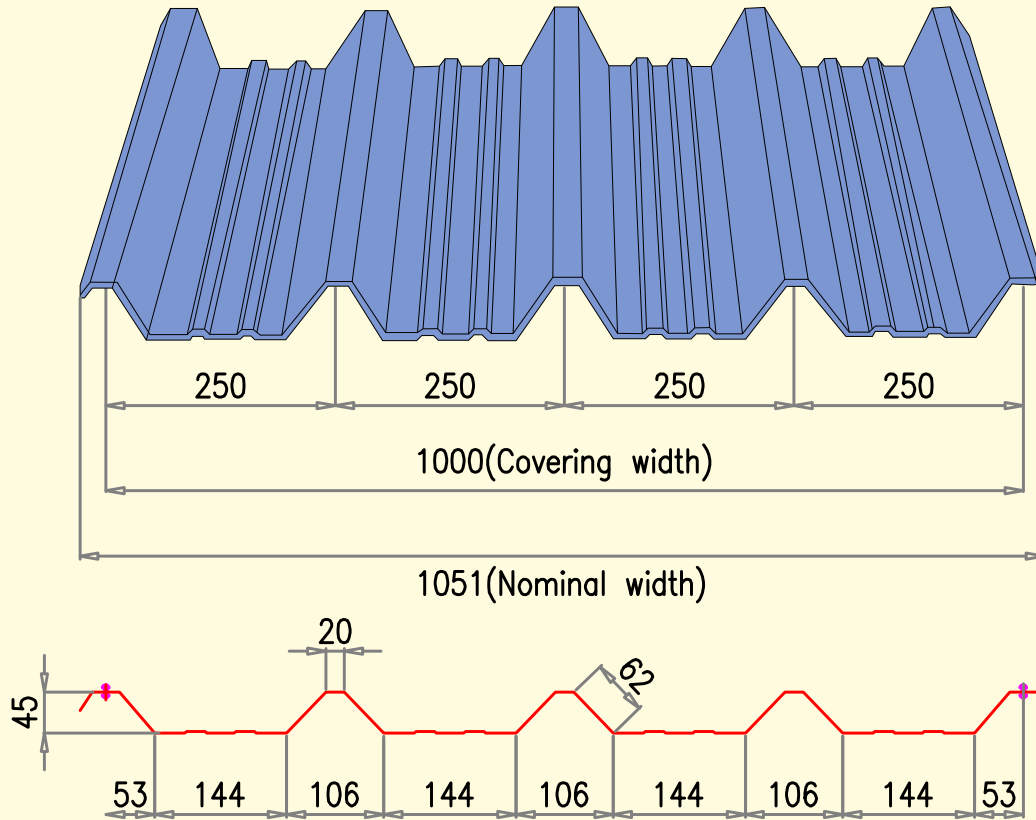


# DATA SHEET

# STEEL 45/250



APPLICATIONS: ROOF AND WALL SHEETS



ALLOWABLE LOAD TABLE:

N/M<sup>2</sup>

mm	Span Condition	Purlins centers in mm							MI	WEIGHT KG/M <sup>2</sup>	ZxTOP mm <sup>3</sup> /M	ZxBOTT. mm <sup>3</sup> /M
		1000	1250	1500	1750	2000	2250	2500				
0.45	△△	4088	2654	1842	1354	1037	807	654	136430	4.31	4280	10349
	△△△	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/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.

PLOT #L-81/L-83/L-85, AL GHAIL INDUSTRIAL PARK, RAS AL KHAIMAH-UAE  
 TEL: +(971) 7221 1252 | FAX: +(971) 7221 3554 | EMAIL: engineering@vibgyorgroup.co