

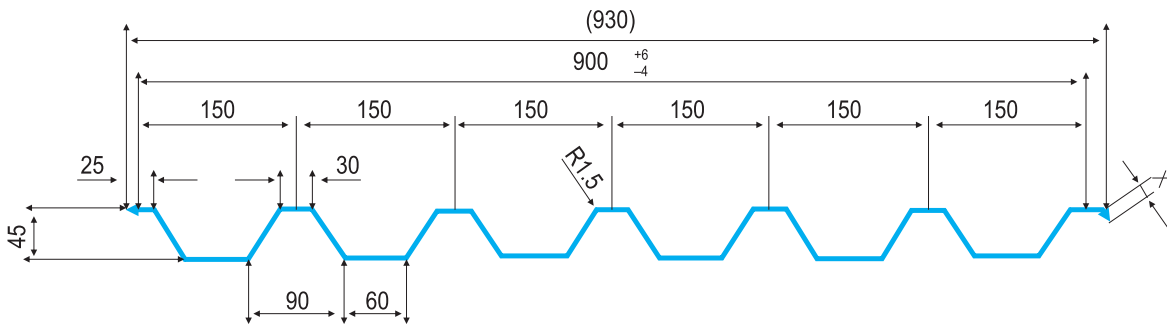
STEEL DECKING - DSD 45/150

Application :

Steel Decking

Specification

- GI & Alu Zinc coated steel profile sheets 0.4 to 0.9 mm thick as per ASTM A 653 for GI & ASTM A 792 for Alu Zinc - Different grades Can be supplied on request
- Painting is baked regular modified enamel polyester, with 5 micron primer and 20 micron coat on the weathering side and 5/7 micron primer on the reverse - PVDF, Silicon, Modified Polyester, Platisol & ARS coating on request is applicable.



Allowable Working Load Chart

N/m²

Thickness in mm	0.40		0.46		0.50		0.60		0.70		0.80		0.90	
Weight Kgs/Sqm	4.256		4.895		5.321		6.385		7.449		8.513		9.577	
MI mm ⁴ / M	159883		183157		198571		236756		274441		311630		348329	
Z-Top	6175		7075		7671		9147		10605		12044		13464	
Z-Bottom	8367		9584		10389		12385		14353		16295		18210	
Span in mm	△△	△△△	△△	△△△	△△	△△△	△△	△△△	△△	△△△	△△	△△△	△△	△△△
1000	5773	7216	6613	8266	7169	8961	8545	10682	9904	12378	9777	1221	12565	15706
1250	3695	4619	4243	5290	4588	5735	5496	6836	6338	7923	6257	7821	8041	10052
1500	2566	3207	2939	3674	3186	3983	3798	4747	4402	5502	4345	5431	5584	6980
1750	1885	2356	2159	2699	2341	2926	2790	3488	3234	4042	3192	3990	4103	5128
2000	1443	1804	1653	2066	1792	2240	2136	2670	2476	3095	2444	3055	3141	3926

Allowable Working Loads are in N/m² and Limiting Deflection L/200
All are Nominal Values

△△ = Single Span

△△△ = Multi Span