

DROIT DECK

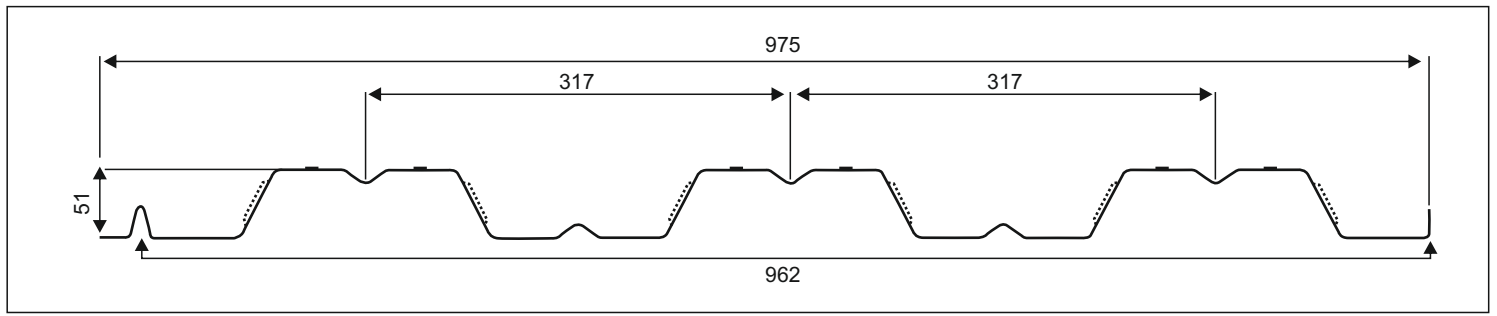
Excellent Load Bearing Capacity
And Large Spanning Capacity

BENEFITS

- Large Spanning
- Corrosion Resistant
- Excellent Bonding with Concrete
- Better Appearance
- Min. Waste with Customized Length
- Saves Time and Cost (Cement & Steel)
- Acts as a Bottom Reinforcement
- Formwork / Permanent Shuttering

OUR BRANDS





Total Coated Thickness* 0.80 to 1.50mm

SECTIONAL PROPERTY OF DECK SHEET

THICKNESS (mm)	AREA (cm ²)	WEIGHT (kg/m)	I _{xx} (cm ⁴)	Z _{xx(top)} (cm ³)	Z _{xx(bott)} (cm ³)
0.8	10.300	8.090	48.140	16.885	19.035
1.0	12.880	10.110	60.180	21.000	23.730
1.2	15.460	12.140	72.220	25.120	28.380
1.5	19.320	15.170	90.280	31.200	35.300

Material		Sectional Property		Allowable Load in KN/m ²				
Grade of Steel	Thickness (mm)	Moment Capacity	Moment Capacity	Span in Meter				
				1.00	1.25	1.50	1.75	2.00
240 Mpa	0.8	0.310	0.350	30.41	19.46	13.52	9.93	7.60
	1.0	0.386	0.436	38.58	24.69	17.15	12.60	9.64
	1.2	0.461	0.521	46.12	29.52	20.50	15.06	11.53
	1.5	0.573	0.650	58.55	37.47	26.03	19.12	14.64
340 Mpa	0.8	0.452	0.510	44.35	28.38	19.71	14.48	11.09
	1.0	0.562	0.635	55.19	35.33	24.53	18.02	13.80
	1.2	0.673	0.760	65.98	42.23	29.32	21.54	16.49
	1.5	0.835	0.945	81.97	52.46	36.43	26.76	20.49
550 Mpa	0.8	0.710	0.800	69.69	44.61	30.98	22.76	17.42
	1.0	0.884	0.998	86.73	55.50	38.54	28.32	21.68
	1.2	1.057	1.194	103.68	66.35	46.08	33.85	25.92
	1.5	1.313	1.485	128.81	82.43	57.25	42.06	32.21

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