



# DROIT DECK

Excellent Load Bearing Capacity  
And Large Spanning Capacity

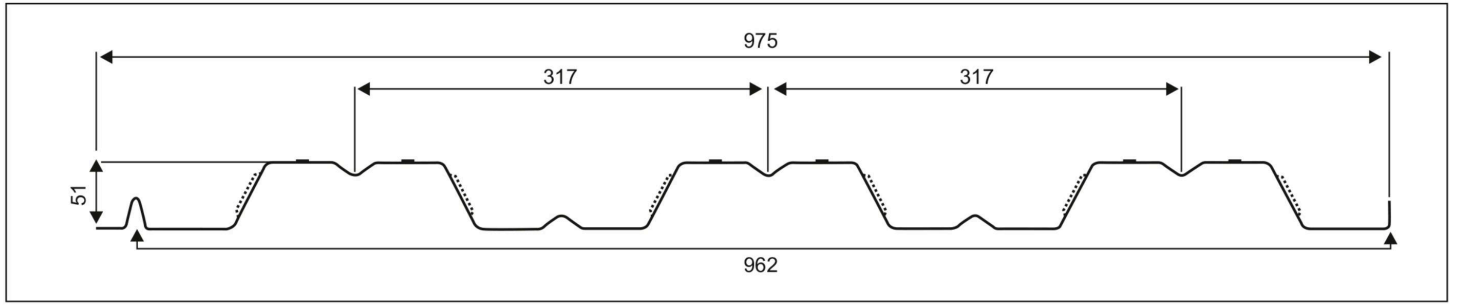
## BENEFITS

- 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 <sup>2</sup> )	I <sub>xx</sub> (cm <sup>4</sup> )	Z <sub>xx(top)</sub> (cm <sup>3</sup> )
0.8	10.300	48.140	16.885
1.0	12.880	60.180	21.000
1.2	15.460	72.220	25.120
1.5	19.320	90.280	31.200

Grade of Steel	Material Thickness (mm)	Sectional Property		Allowable Load in KN/m <sup>2</sup>				
		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



**Corporate Office:**  
**DROIT Steel Buildings Private Limited**  
 3A, Ram Mohan Mullick Garden Lane  
 Raikva Building, 4th Floor, Unit - 4, Kolkata - 10  
 Phone: +91 33 66044777 | +91 33 23741999  
 Email: info@droitsteelbuildings.com  
 Web: www.droitsteelbuildings.com  
 Toll Free: 1800 345 01 01

Customer Care No.  
**+ 91 900 789 1111**