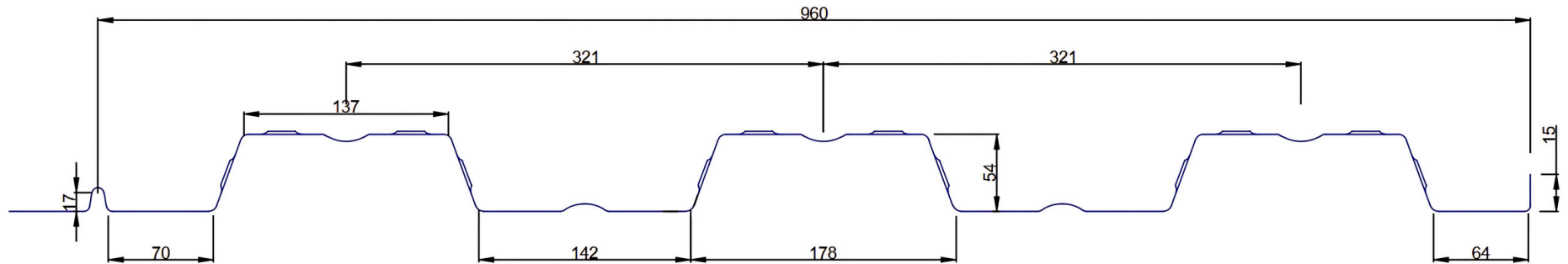


SASTHA DECK TR54



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Fy	250	N/mm2				
BASE METAL	NOMINAL THICKNESS (T)	COVERING WIDTH	NOMINAL Area	FULL SECTION Ix	FULL SECTION Zx	FULL SECTION Ma _{tx}
	mm	mm	cm2	cm4	cm3	kNm
steel	0.8	960	9.47	54.10	19.79	2.97
	1	960	11.84	67.19	24.58	3.69
	1.1	960	13.02	73.67	26.95	4.04
	1.2	960	14.20	80.10	29.30	4.40
	1.3	960	15.39	86.49	31.64	4.75
	1.4	960	16.57	92.84	33.96	5.09
	1.5	960	17.75	99.14	36.27	5.44

Allowable Uniform Load (Kn)

Base metal	Nominal thickness (mm)	No.of span	Load case	SPAN IN METERS								
				0.8	1	1.25	1.5	1.75	2	2.25	2.75	3
STEEL	0.8	single	D + L	37.11	23.75	15.20	10.56	7.76	5.94	4.69	3.14	2.64
		multiple	D + L	46.39	29.69	19.00	13.19	9.69	7.42	5.86	3.93	3.30
	1	single	D + L	46.09	29.49	18.88	13.11	9.63	7.37	5.83	3.90	3.28
		multiple	D + L	57.61	36.87	23.60	16.39	12.04	9.22	7.28	4.88	4.10
	1.1	single	D + L	50.53	32.34	20.70	14.37	10.56	8.08	6.39	4.28	3.59
		multiple	D + L	63.16	40.42	25.87	17.97	13.20	10.11	7.98	5.35	4.49
	1.2	single	D + L	54.94	35.16	22.5	15.63	11.48	8.79	6.95	4.65	3.91
		multiple	D + L	68.68	43.95	28.13	19.54	14.35	10.99	8.68	5.81	4.88
	1.3	single	D + L	59.33	37.97	24.30	16.88	12.40	9.49	7.50	5.02	4.22
		multiple	D + L	74.16	47.46	30.38	21.09	15.50	11.87	9.38	6.28	5.27
	1.4	single	D + L	63.68	40.76	26.08	18.11	13.31	10.19	8.05	5.39	4.53
		multiple	D + L	79.60	50.95	32.61	22.64	16.64	12.74	10.06	6.74	5.66
	1.5	single	D + L	68.01	43.53	27.86	19.35	14.21	10.88	8.60	5.76	4.84
		multiple	D + L	85.01	54.41	34.82	24.18	17.77	13.60	10.75	7.19	6.05

Note: If the Effect of concrete and reinforcement is considered, the allowable uniform load can be increased.

SASTHA ROOF AND DECK INDUSTRIES

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