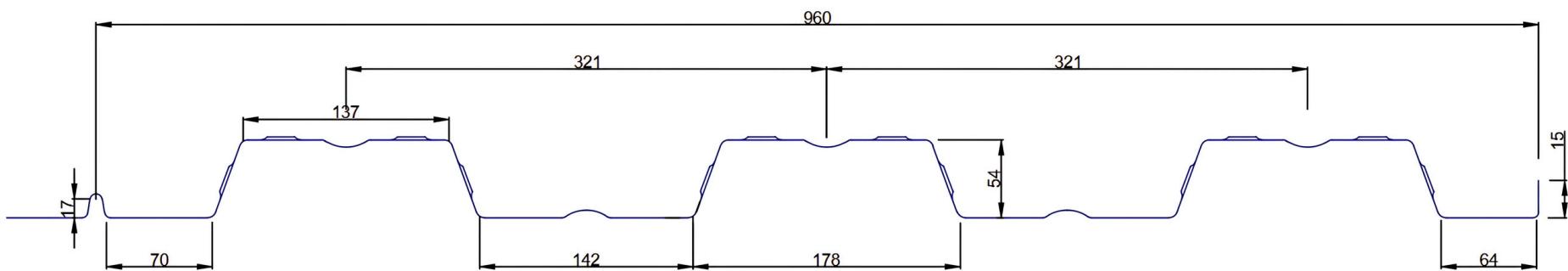


SASTHA DECK TR54



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BASE METAL	Fy	250	N/mm ²	NOMINAL Area	FULL SECCION I _x	FULL SECCION Z _x	FULL SECTION M _{ax}
	NOMINAL THICKNESS (T)	COVERING WIDTH					
	mm	mm	cm ²				
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.