

CORRUGATED STEEL SHEET T153

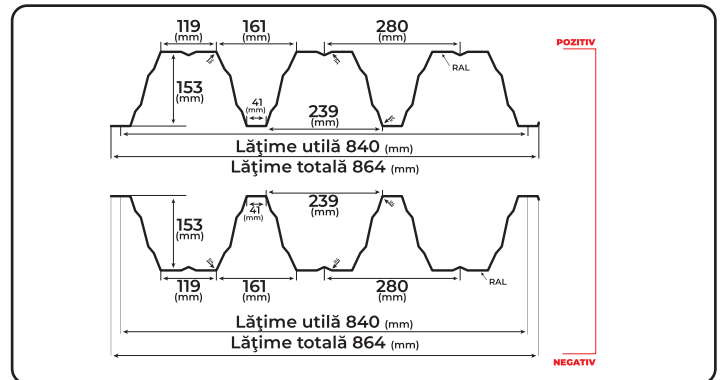
T153 BILKA corrugated sheet metal is manufactured in steel sheet, galvanized on both sides and protected with polyester. It is used for small inclination roofs and intermediate floors.

It is the ideal and economical solution for construction and rehabilitation of facilities intended for: warehouses, shopping centers, production facilities, farms, silos, stables, sports centers, etc.

PRODUCTION SPECIFICATIONS:

- BILKA T153 corrugated sheet metal is made with a nominal thickness between 0.75 – 1.25 mm, based on the construction requirements
- The standard length of the modules ranges from 2 m and 15 m. Execution of the modules with different lengths from the standard ones will be made after prior consultation with the technical specialist from BILKA
- BILKA produces corrugated sheet metal T153 in RAL 9002

*On request, the product can be produced in other RALs.



TECHNICAL CHARACTERISTICS

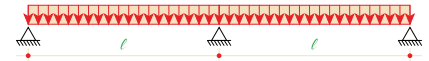
Nominal thickness [mm]	Product standard	Zinc coating g/m ²	Resistance to tearing [N/mm ²]	Flow limit [N/mm ²]	Weight on the surface [kg/m ²]	Steel
0.75	SR EN 14782:2006	100	390	320	10.65	S320 GD
0.88	SR EN 14782:2006	100	390	320	12.50	S320 GD
1.00	SR EN 14782:2006	100	390	320	14.20	S320 GD
1.25	SR EN 14782:2006	100	390	320	17.70	S320 GD

Value of charges for one opening (positive)



Thickness (mm)	Weight (kN/mp)	State	Distance between the bearings																
			5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
0.75	0.107	SLU	3.54	3.20	2.90	2.64	2.41	2.21	2.04	1.88	1.74	1.61	1.49	1.39	1.30	1.21	1.13	1.06	0.99
		L/150	2.63	2.26	1.95	1.69	1.48	1.30	1.14	1.01	0.90	0.80	0.71	0.63	0.56	0.50	0.45	0.40	0.36
		L/200	1.95	1.67	1.44	1.25	1.08	0.95	0.83	0.73	0.64	0.57	0.50	0.45	0.40	0.35	0.31	0.28	0.25
0.88	0.126	L/300	1.26	1.08	0.93	0.80	0.69	0.60	0.52	0.45	0.39	0.35	0.30	0.26	0.23	0.20	0.18	0.15	0.13
		SLU	4.27	3.86	3.50	3.18	2.92	2.67	2.46	2.27	2.10	1.94	1.81	1.68	1.57	1.47	1.47	1.28	1.21
		L/150	3.27	2.81	2.42	2.11	1.84	1.61	1.42	1.26	1.11	0.99	0.88	0.79	0.70	0.63	0.63	0.51	0.46
1.00	0.143	L/200	2.42	2.08	1.79	1.55	1.35	1.18	1.04	0.92	0.81	0.72	0.64	0.56	0.50	0.44	0.44	0.36	0.31
		L/300	1.57	1.34	1.15	0.99	0.86	0.75	0.65	0.57	0.49	0.44	0.38	0.33	0.29	0.26	0.26	0.20	0.17
		SLU	4.93	4.45	4.04	3.68	3.37	3.09	2.84	2.62	2.42	2.24	2.09	1.94	1.81	1.69	1.58	1.48	1.39
1.25	0.179	L/150	3.82	3.28	2.83	2.46	2.15	1.89	1.66	1.46	1.30	1.16	1.03	0.93	0.82	0.74	0.67	0.60	0.54
		L/200	2.83	2.43	2.09	1.81	1.58	1.38	1.22	1.07	0.95	0.84	0.74	0.66	0.59	0.53	0.47	0.41	0.36
		L/300	1.84	1.57	1.35	1.17	1.01	0.88	0.77	0.66	0.58	0.51	0.45	0.39	0.34	0.30	0.26	0.23	0.20
1.25	0.179	SLU	6.25	5.65	5.12	4.66	4.27	3.91	3.60	3.32	3.07	2.85	2.64	2.46	2.29	2.15	2.01	1.88	1.77
		L/150	4.89	4.20	3.63	3.16	2.76	2.42	2.13	1.88	1.67	1.48	1.33	1.18	1.06	0.96	0.86	0.77	0.69
		L/200	3.62	3.11	2.68	2.32	2.02	1.77	1.55	1.37	1.21	1.07	0.95	0.85	0.76	0.67	0.60	0.54	0.48
L/300	2.36	2.01	1.73	1.49	1.29	1.13	0.98	0.86	0.75	0.66	0.57	0.50	0.44	0.39	0.34	0.30	0.26	0.26	

Value of charges for two openings (positive)



Thickness (mm)	Weight (kN/mp)	State	Distance between the bearings																
			5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
0.75	0.107	SLU	2.38	2.19	2.01	1.86	1.72	1.59	1.48	0.14	1.28	1.20	1.12	1.05	0.99	0.93	0.87	0.82	0.78
		L/150	6.50	5.60	4.86	4.24	3.71	3.28	2.90	2.58	2.30	2.06	1.85	1.67	1.51	1.37	1.24	1.13	1.03
		L/200	4.85	4.17	3.62	3.15	2.76	2.43	2.15	1.91	1.71	1.53	1.37	1.23	1.11	1.00	0.91	0.82	0.74
0.88	0.126	L/300	3.20	2.75	2.38	2.07	1.81	1.59	1.40	1.24	1.10	0.98	0.87	0.78	0.70	0.64	0.57	0.51	0.46
		SLU	3.17	2.90	6.27	2.47	2.28	2.12	1.97	1.83	1.71	1.60	1.50	1.40	1.32	1.24	1.17	1.10	1.04
		L/150	8.11	6.90	6.07	0.53	4.64	4.10	3.63	3.23	2.88	2.58	2.32	2.09	1.88	1.70	1.55	1.41	1.29
1.00	0.143	L/200	6.05	5.21	4.52	3.93	3.45	3.04	2.69	2.39	2.13	1.91	1.71	1.54	1.38	1.25	1.14	1.03	0.94
		L/300	4.00	3.43	2.97	2.58	2.26	1.99	1.76	1.56	1.38	1.23	1.10	0.99	0.88	0.80	0.72	0.64	0.58
		SLU	3.92	3.59	3.31	3.05	2.82	2.61	2.43	2.26	2.11	1.97	1.84	1.73	1.63	1.52	1.44	1.36	1.28
1.25	0.179	L/150	9.53	8.21	7.13	6.22	5.46	4.81	4.26	3.79	3.39	3.03	2.73	2.46	2.22	2.01	1.83	1.66	1.51
		L/200	7.12	6.13	5.31	4.62	4.05	3.57	3.16	2.81	2.51	2.24	2.01	1.81	1.63	1.47	1.35	1.22	1.11
		L/300	4.70	4.04	3.49	3.04	2.66	2.34	2.06	1.82	1.62	1.45	1.29	1.16	1.04	0.94	0.85	0.77	0.69
1.25	0.179	SLU	5.57	5.10	4.69	4.32	4.00	3.70	3.44	3.20	2.99	2.79	2.62	2.45	2.30	2.17	2.04	1.92	1.81
		L/150	12.39	10.68	9.27	8.09	7.10	6.26	5.54	4.93	4.41	3.95	3.55	3.20	2.90	2.62	2.39	2.17	1.98
		L/200	9.25	7.97	6.91	6.03	5.28	4.65	4.11	3.66	3.26	2.92	2.62	2.36	2.13	1.93	1.75	1.59	1.44
L/300	6.11	5.25	4.55	3.96	3.46	3.04	2.69	2.38	2.12	1.89	1.69	1.52	1.37	1.23	1.11	1.00	0.91	0.91	

Value of charges for three openings (positive)



Thickness (mm)	Weight (kN/mp)	State	Distance between the bearings																
			5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
0.75	0.107	SLU	2.91	2.68	2.47	2.28	2.12	1.96	1.83	1.71	1.59	1.49	1.40	1.32	1.24	1.17	1.10	1.04	0.98
		L/150	5.14	4.43	0.38	3.34	2.93	2.58	2.28	2.03	1.81	1.62	1.46	1.31	1.18	1.07	0.97	0.88	0.80
		L/200	3.83	3.29	2.85	2.48	2.17	1.92	1.69	1.50	1.33	1.19	1.07	0.96	0.86	0.77	0.70	0.63	0.57
0.88	0.126	L/300	2.52	0.22	1.87	1.62	1.42	1.24	1.09	0.96	0.85	0.76	0.67	0.60	0.53	0.48	0.43	0.38	0.35
		SLU	3.88	3.56	3.28	3.03	2.81	2.61	2.43	2.27	2.12	1.99	1.87	1.75	1.65	1.55	1.46	1.39	1.31
		L/150	6.40	5.51	4.78	4.16	3.65	3.22	2.85	2.53	2.25	2.02	1.81	1.63	1.47	1.33	1.21	1.10	1.00
1.00	0.143	L/200	4.77	4.10	3.55	3.09	2.71	2.38	2.10	1.87	1.66	1.48	1.33	1.19	1.07	0.97	0.88	0.79	0.72
		L/300	3.14	2.69	2.33	2.02	1.76	1.55	1.37	1.20	1.07	0.95	0.84	0.75	0.67	0.60	0.54	0.48	0.44
		SLU	4.80	4.41	4.06	3.76	3.48	3.23	3.01	2.81	2.62	2.46	2.30	2.17	2.04	1.91	1.81	1.71	1.61
1.25	0.179	L/150	7.49	6.45	5.60	4.88	4.28	3.77	3.34	2.96	2.64	2.37	2.12	1.91	1.73	1.56	1.42	1.28	1.17
		L/200	5.58	4.81	4.16	3.63	3.18	2.79	2.46	2.19	1.94	1.74	1.56	1.41	1.26	1.14	1.03	0.93	0.85
		L/300	3.68	3.16	2.73	2.37	2.07	1.81	1.60	1.42	1.25	1.11	1.00	0.89	0.79	0.71	0.64	0.58	0.51
1.25	0.179	SLU	6.85	6.28	5.79	5.34	4.95	4.59	4.27	3.99	3.72	3.49	3.27	3.07	2.89	2.72	2.57	2.42	2.29
		L/150	9.67	8.33	7.22	6.30	5.52	4.87	4.31	3.83	3.41	3.05	2.74	2.47	2.23	2.02	1.83	1.67	1.51
		L/200	7.21	0.62	5.37	4.68	4.09	3.60	3.18	2.83	2.52	2.25	2.01	1.81	1.63	1.47	1.33	1.20	1.10
L/300	4.75	4.08	3.52	3.06	2.68	2.35	2.07	1.83	1.62	1.45	1.28	1.15	1.03	0.92	0.83	0.75	0.67	0.67	