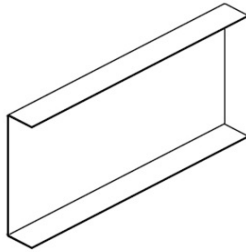


USG BORAL DRYWALL WALL TRACKS - U SHAPE

PRODUCT CATEGORIES: WALL TRACKS

Used in framing applications as the top and bottom channels for securing wall studs at floor and ceiling junctions .



MATERIAL PROPERTIES

Yield stress, Fy 33 ksi Ultimate, with G90 Zinc coating

ASTM & CODE STANDARDS

- Wall Tracks are produced to meet or exceed ASTM C645 and C955
- Galvanized sheet steel meets or exceeds requirements of ASTM A-653
- For installation & storage information refer to ASTM C1007 & C754

GREEN BENEFITS AND RECYCLED CONTENT

LEED Credit MR 2 - USGBoral products are manufactured from cold-formed steel. Steel is 100% recyclable, which helps divert debris from the waste stream.

LEED Credit MR 4 - USGBoral steel products have a minimum of 25.5% post-consumer recycled content, and 6.8% pre-consumer.

PACKAGING

Regular Flange Tracks (30/30; 28/28 mm)		Deep Flange/ Extra Deep Flange Tracks (50/50; 70/70 mm)		
			50/50	70/70
40 mm	300 Pc	50 mm	240 Pc	192 Pc
50 mm	300 Pc	64 mm	240 Pc	192 Pc
64 mm	288 Pc	72/75 mm	208 Pc	160 Pc
72/75 mm	260 Pc	92 mm	192 Pc	128 Pc
92 mm	240 Pc	100 mm	192 Pc	128 Pc
100 mm	240 Pc	125 mm	144 Pc	96 Pc
125 mm	192 Pc	150 mm	120 Pc	80 Pc
150 mm	180 Pc	200 mm	96 Pc	64 Pc
200 mm	120 Pc			

**SECTION & MATERIAL
PROPERTIES TABLE NOTES**

Track Type	Thickness (mm)	Track Flange (mm)	Track Depth (mm)	Section Area (mm ²)	Centroid (mm)	Moment of inertia (Ixx)(mm ⁴)	Section Modulus (Sx)(mm ³)	Radius of Gyration (mm)	Steel Mechanical Properties		
									Yield strength N/mm ²	Tensile strength N/mm ²	Elongation (%)
Regular Flange Tracks	0.45	30/30	40	44.10	20.00	12,958.82	647.94	17.14	297-308	366-372	28-29
	0.50	30/30		49.00	20.00	14,369.00	718.00	17.12	297-308	366-372	29-30
	0.55	30/30		53.90	20.00	15,774.00	789.00	17.11	297-308	366-372	29-30
	0.60	30/30		58.80	20.00	17,172.00	859.00	17.09	297-308	366-372	29-30
	0.70	30/30		68.60	20.00	19,952.00	998.00	17.05	297-308	366-372	30-31
	0.80	30/30		78.40	20.00	22,709.00	1,135.00	17.02	297-308	366-372	30-31
	0.90	30/30		88.20	20.00	25,443.00	1,272.00	16.98	297-308	366-372	30-31
	1.00	30/30		98.00	20.00	28,153.00	1,407.00	16.95	297-308	366-372	30-31
	1.20	30/30		117.60	20.00	33,506.00	1,675.00	16.88	297-308	366-372	30-31
	1.50	30/30	147.00	20.00	41,368.00	2,068.00	16.78	297-308	366-372	31-32	
	0.45	30/30	50	48.60	25.00	21,260.00	850.00	20.92	297-308	366-372	28-29
	0.50	30/30		54.00	25.00	23,585.00	943.50	20.90	297-308	366-372	29-30
	0.55	30/30		59.40	25.00	25,904.00	1,036.00	20.88	297-308	366-372	29-30
	0.60	30/30		64.80	25.00	28,214.00	1,129.00	20.87	297-308	366-372	29-30
	0.70	28/28		71.40	25.00	32,813.00	1,312.00	21.44	297-308	366-372	30-31
	0.80	28/28		81.60	25.00	37,384.00	1,495.00	21.40	297-308	366-372	30-31
	0.90	28/28		91.80	25.00	41,925.00	1,677.00	21.37	297-308	366-372	30-31
	1.00	28/28		102.00	25.00	46,437.00	1,857.00	21.34	297-308	366-372	30-31
	1.20	28/28		122.40	25.00	55,374.00	2,215.00	21.27	297-308	366-372	30-31
	1.50	28/28	153.00	25.00	68,567.00	2,743.00	21.17	297-308	366-372	31-32	
	0.45	30/30	64	54.90	32.00	37,091.00	1,159.00	25.99	297-308	366-372	28-29
	0.50	30/30		61.00	32.00	41,165.00	1,286.00	25.98	297-308	366-372	29-30
	0.55	30/30		67.10	32.00	45,229.00	1,413.00	25.96	297-308	366-372	29-30
	0.60	30/30		73.20	32.00	49,284.00	1,540.00	25.95	297-308	366-372	29-30
	0.70	28/28		82.60	32.00	57,366.00	1,793.00	26.35	297-308	366-372	30-31
	0.80	28/28		94.40	32.00	65,410.00	2,044.00	26.32	297-308	366-372	30-31
	0.90	28/28		106.20	32.00	73,416.00	2,294.00	26.29	297-308	366-372	30-31
	1.00	28/28		118.00	32.00	81,385.00	2,543.00	26.26	297-308	366-372	30-31
	1.20	28/28		141.60	32.00	97,212.00	3,037.00	26.20	297-308	366-372	30-31
	1.50	28/28	177.00	32.00	120,675.00	3,771.00	26.11	297-308	366-372	31-32	
	0.45	30/30	72	58.50	36.00	48,553.00	1,349.00	28.8	297-308	366-372	28-29
	0.50	30/30		65.00	36.00	53,895.00	1,497.00	28.8	297-308	366-372	29-30
	0.55	30/30		71.50	36.00	59,225.00	1,645.00	28.8	297-308	366-372	29-30
	0.60	30/30		78.00	36.00	64,545.00	1,792.00	28.8	297-308	366-372	29-30
	0.70	28/28		87.50	36.00	75,153.00	2,088.00	29.3	297-308	366-372	30-31
	0.80	28/28		100.00	36.00	85,719.00	2,381.00	29.3	297-308	366-372	30-31
	0.90	28/28		112.50	36.00	96,243.00	2,673.00	29.2	297-308	366-372	30-31
	1.00	28/28		125.00	36.00	96,242.00	2,673.00	27.7	297-308	366-372	30-31
	1.20	28/28		150.00	36.00	127,561.00	3,543.00	29.2	297-308	366-372	30-31
	1.50	28/28	187.50	36.00	158,504.00	4,403.00	29.1	297-308	366-372	31-32	
	0.45	30/30	75	59.85	37.50	53,335.00	1,422.00	29.9	297-308	366-372	28-29
	0.50	30/30		66.50	37.50	59,205.00	1,579.00	29.8	297-308	366-372	29-30
0.55	30/30	73.15		37.50	65,065.00	1,735.00	29.8	297-308	366-372	29-30	
0.60	30/30	79.80		37.50	70,913.00	1,891.00	29.8	297-308	366-372	29-30	
0.70	28/28	88.90		37.50	82,576.00	2,202.00	30.5	297-308	366-372	30-31	
0.80	28/28	101.60		37.50	94,195.00	2,512.00	30.4	297-308	366-372	30-31	
0.90	28/28	114.30		37.50	105,770.00	2,820.00	30.4	297-308	366-372	30-31	
1.00	28/28	127.00		37.50	117,301.00	3,128.00	30.4	297-308	366-372	30-31	
1.20	28/28	152.40		37.50	140,232.00	3,740.00	30.3	297-308	366-372	30-31	
1.50	28/28	190.50	37.50	174,302.00	4,648.00	30.2	297-308	366-372	31-32		

Track Type	Thickness (mm)	Track Flange (mm)	Track Depth (mm)	Section Area (mm ²)	Centroid (mm)	Moment of inertia (I _{xx})(mm ⁴)	Section Modulus (S _x)(mm ³)	Radius of Gyration (mm)	Steel Mechanical Properties		
									Yield strength N/mm ²	Tensile strength N/mm ²	Elongation (%)
Regular Flange Tracks	0.45	30 / 30	92	67.50	46.00	85,776.00	1,865.00	35.6	297-308	366-372	28-29
	0.50	30 / 30		75.00	46.00	95,234.00	2,070.00	35.6	297-308	366-372	29-30
	0.55	30 / 30		82.50	46.00	104,686.00	2,276.00	35.6	297-308	366-372	29-30
	0.60	30 / 30		90.00	46.00	114,121.00	2,481.00	35.6	297-308	366-372	29-30
	0.70	28 / 28		100.80	46.00	132,949.00	2,890.00	36.3	297-308	366-372	30-31
	0.80	28 / 28		115.20	46.00	151,724.00	3,298.00	36.3	297-308	366-372	30-31
	0.90	28 / 28		129.60	46.00	170,445.00	3,705.00	36.3	297-308	366-372	30-31
	1.00	28 / 28		144.00	46.00	189,111.00	4,111.00	36.2	297-308	366-372	30-31
	1.20	28 / 28		172.80	46.00	226,281.00	4,919.00	36.2	297-308	366-372	30-31
	1.50	28 / 28		216.00	46.00	281,634.00	6,122.00	36.1	297-308	366-372	31-32
	0.45	30 / 30	100	71.10	50.00	104,394.00	2,088.00	38.3	297-308	366-372	28-29
	0.50	30 / 30		79.00	50.00	115,919.00	2,318.00	38.3	297-308	366-372	29-30
	0.55	30 / 30		86.90	50.00	127,429.00	2,549.00	38.3	297-308	366-372	29-30
	0.60	30 / 30		94.80	50.00	138,924.00	2,778.00	38.3	297-308	366-372	29-30
	0.70	28 / 28		105.00	50.00	161,870.00	3,237.00	39.3	297-308	366-372	30-31
	0.80	28 / 28		120.00	50.00	184,757.00	3,695.00	39.2	297-308	366-372	30-31
	0.90	28 / 28		135.00	50.00	207,585.00	4,152.00	39.2	297-308	366-372	30-31
	1.00	28 / 28		150.00	50.00	230,353.00	4,607.00	39.2	297-308	366-372	30-31
	1.20	28 / 28		180.00	50.00	275,715.00	5,514.00	39.1	297-308	366-372	30-31
	1.50	28 / 28		225.00	50.00	343,317.00	6,866.00	39.1	297-308	366-372	31-32
	0.55	30 / 30	125	96.25	62.50	217,293.00	3,476.70	47.5	297-308	366-372	29-30
	0.60	30 / 30		105.00	62.50	236,936.00	3,791.00	47.5	297-308	366-372	29-30
	0.70	28 / 28		122.50	62.50	276,164.00	4,419.00	47.5	297-308	366-372	30-31
	0.80	28 / 28		140.00	62.50	315,319.00	5,045.00	47.5	297-308	366-372	30-31
	0.90	28 / 28		157.50	62.50	354,399.00	5,670.00	47.4	297-308	366-372	30-31
	1.00	28 / 28		175.00	62.50	393,405.00	6,294.00	47.4	297-308	366-372	30-31
	1.20	28 / 28		210.00	62.50	471,197.00	7,539.00	47.4	297-308	366-372	30-31
	1.50	28 / 28		262.50	62.50	587,333.00	9,397.00	47.3	297-308	366-372	31-32
	0.55	30 / 30	150	111.10	75.00	338,955.00	4,519.00	55.2	297-308	366-372	29-30
	0.60	30 / 30		121.20	75.00	369,634.00	4,928.00	55.2	297-308	366-372	29-30
0.70	28 / 28	141.40		75.00	430,927.00	5,746.00	55.2	297-308	366-372	30-31	
0.80	28 / 28	161.60		75.00	492,130.00	6,562.00	55.2	297-308	366-372	30-31	
0.90	28 / 28	181.80		75.00	553,245.00	7,377.00	55.2	297-308	366-372	30-31	
1.00	28 / 28	202.00		75.00	614,270.00	8,190.00	55.1	297-308	366-372	30-31	
1.20	28 / 28	242.40		75.00	736,055.00	9,814.00	55.1	297-308	366-372	30-31	
1.50	28 / 28	303.00		75.00	918,067.00	12,241.00	55.0	297-308	366-372	31-32	

Track Type	Thickness (mm)	Track Flange (mm)	Track Depth (mm)	Section Area (mm ²)	Centroid (mm)	Moment of inertia (I _{xx})(mm ⁴)	Section Modulus (S _x)(mm ³)	Radius of Gyration (mm)	Steel Mechanical Properties		
									Yield strength N/mm ²	Tensile strength N/mm ²	Elongation (%)
Deep Flange Tracks	0.55	50 / 50	50	82.50	25.00	39,353.00	1,574.00	21.84	297-308	366-372	30-31
	0.80			120.00	25.00	56,750.00	2,270.00	21.7	297-308	366-372	30-31
	0.90			135.00	25.00	63,624.00	2,545.00	21.7	297-308	366-372	30-31
	1.20			180.00	25.00	83,958.00	3,358.00	21.6	297-308	366-372	30-31
	0.55	50 / 50	64	90.20	32.00	67,372.00	2,105.00	27.33	297-308	366-372	30-31
	0.80			131.20	32.00	97,365.00	3,043.00	27.2	297-308	366-372	30-31
	0.90			147.60	32.00	109,253.00	3,414.00	27.2	297-308	366-372	30-31
	1.20			196.80	32.00	144,544.00	4,517.00	27.1	297-308	366-372	30-31
	0.55	50 / 50	75	96.25	37.50	95,551.00	2,548.00	31.51	297-308	366-372	30-31
	0.80			140.00	37.50	138,242.00	3,686.00	31.4	297-308	366-372	30-31
	0.90			157.50	37.50	155,189.00	4,138.00	31.4	297-308	366-372	30-31
	1.20			210.00	37.50	205,595.00	5,483.00	31.3	297-308	366-372	30-31
	0.55	50 / 50	92	105.60	46.00	150,684.00	3,276.00	37.77	297-308	366-372	30-31
	0.80			153.60	46.00	218,265.00	4,745.00	37.7	297-308	366-372	30-31
	0.90			172.80	46.00	245,140.00	5,329.00	37.7	297-308	366-372	30-31
	1.20			230.40	46.00	325,222.00	7,070.00	37.6	297-308	366-372	30-31
	0.55	50 / 50	100	110.00	50.00	181,826.00	3,637.00	40.66	297-308	366-372	30-31
	0.80			160.00	50.00	263,484.00	5,270.00	40.6	297-308	366-372	30-31
	0.90			180.00	50.00	295,974.00	5,919.00	40.5	297-308	366-372	30-31
	1.20			240.00	50.00	392,858.00	7,857.00	40.5	297-308	366-372	30-31
0.55	50 / 50	150	137.50	75.00	461,799.00	6,157.00	57.95	297-308	366-372	30-31	
0.80			200.00	75.00	670,217.00	8,936.00	57.9	297-308	366-372	30-31	
0.90			225.00	75.00	753,324.00	10,044.00	57.9	297-308	366-372	30-31	
1.20			300.00	75.00	1,001,757.00	13,357.00	57.8	297-308	366-372	30-31	
0.55	50 / 50	200	165.00	100.00	913,647.00	9,136.00	74.41	297-308	366-372	30-31	
0.80			240.00	100.00	1,326,950.00	13,270.00	74.4	297-308	366-372	30-31	
0.90			270.00	100.00	1,491,924.00	14,919.00	74.3	297-308	366-372	30-31	
1.20			360.00	100.00	1,985,658.00	19,857.00	74.3	297-308	366-372	30-31	
Extra Deep Flange Tracks	0.80	70 / 70	50	152.00	25.00	76,117.00	3,045.00	22.4	297-308	366-372	30-31
	0.90			171.00	25.00	85,324.00	3,413.00	22.3	297-308	366-372	30-31
	1.20			228.00	25.00	112,541.00	4,502.00	22.2	297-308	366-372	30-31
	0.80	70 / 70	64	163.20	32.00	129,321.00	4,041.00	28.1	297-308	366-372	30-31
	0.90			183.60	32.00	145,090.00	4,534.00	28.1	297-308	366-372	30-31
	1.20			244.80	32.00	191,876.00	5,996.00	28.0	297-308	366-372	30-31
	0.80	70 / 70	75	172.00	37.50	182,289.00	4,861.00	32.6	297-308	366-372	30-31
	0.90			193.50	37.50	204,610.00	5,456.00	32.5	297-308	366-372	30-31
	1.20			258.00	37.50	270,958.00	7,226.00	32.4	297-308	366-372	30-31
	0.80	70 / 70	92	185.60	46.00	284,807.00	6,191.00	39.2	297-308	366-372	30-31
	0.90			208.80	46.00	319,835.00	6,953.00	39.1	297-308	366-372	30-31
	1.20			278.40	46.00	424,164.00	9,221.00	39.0	297-308	366-372	30-31
	0.80	70 / 70	100	192.00	50.00	342,211.00	6,844.00	42.2	297-308	366-372	30-31
	0.90			216.00	50.00	384,364.00	7,687.00	42.2	297-308	366-372	30-31
	1.20			288.00	50.00	510,001.00	10,200.00	42.1	297-308	366-372	30-31
	0.80	70 / 70	150	232.00	75.00	848,304.00	11,311.00	60.5	297-308	366-372	30-31
	0.90			261.00	75.00	953,404.00	12,712.00	60.4	297-308	366-372	30-31
	1.20			348.00	75.00	1,267,461.00	16,899.00	60.4	297-308	366-372	30-31
	0.80	70 / 70	200	272.00	100.00	1,644,397.00	16,444.00	77.8	297-308	366-372	30-31
	0.90			306.00	100.00	1,848,694.00	18,487.00	77.7	297-308	366-372	30-31
1.20	408.00			100.00	2,459,921.00	24,599.00	77.6	297-308	366-372	30-31	