

SHAFT WALL FRAMING SYSTEMS- J RUNNER

PRODUCT CATEGORIES:
J RUNNER

Used to construct elevator shafts, mechanical shafts, stairwells, air return shafts and horizontal membranes.



MATERIAL PROPERTIES

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

ASTM & CODE STANDARDS

- Shaftwall J Runners 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.

SECTION & MATERIAL PROPERTIES TABLE NOTES

J Runners	Thickness (mm)	J Runner Flange (mm)	J Runner 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 (%)
	0.60	25 / 50	64	82.2	37.70	55,617.00	2,115.00	26.01	297-308	366-372	29-30
	0.80	25 / 50		109.6	37.68	73,801.00	2,804.00	25.95	297-308	366-372	30-31
	0.90	25 / 50		123.3	37.67	82,827.00	3,146.00	25.92	297-308	366-372	30-31
	0.60	25 / 50	100	105	58.16	163,287.00	3,724.00	39.43	297-308	366-372	29-30
	0.80	25 / 50		140	58.15	217,139.00	4,951.00	39.38	297-308	366-372	30-31
	0.90	25 / 50		157.5	58.14	243,957.00	5,562.00	39.36	297-308	366-372	30-31
	0.60	25 / 50	150	135	84.40	423,997.00	6,266.00	56.04	297-308	366-372	29-30
	0.80	25 / 50		180	84.32	564,456.00	8,340.00	56.00	297-308	366-372	30-31
	0.90	25 / 50		202.5	84.32	634,523.00	9,375.00	55.98	297-308	366-372	30-31