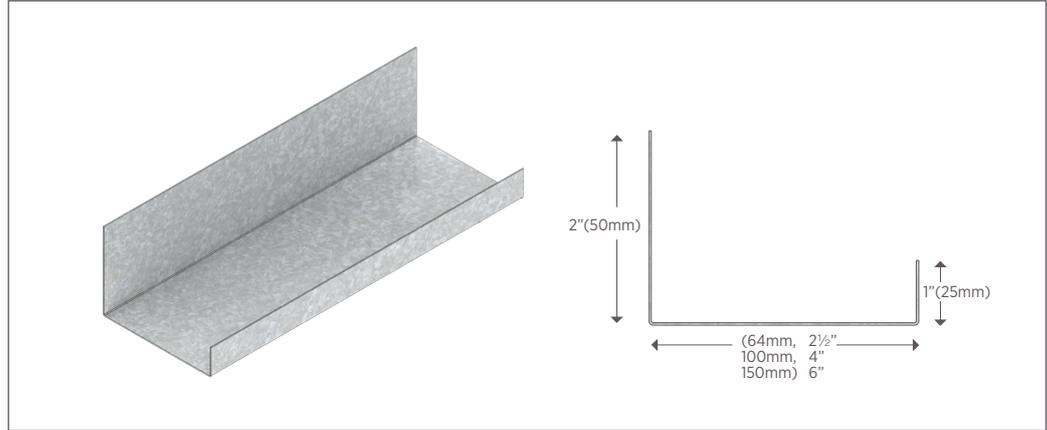


J-RUNNER SHAFTWALL FRAMING SYSTEMS

212	JR-34	
400	JR-34	
600	JR-34	
Width	J-Runner	Thickness



DESCRIPTION

Used in Shaftwall framing applications as the top and end-wall bottom channels for securing the CH and the E wall studs at floor and ceiling junctions. Profile height 25mm, 50mm.

MATERIAL PROPERTIES

Yield stress, Fy 33 ksi Ultimate, with G40-G90 Zinc coating

ASTM & CODE STANDARDS

- Shaftwall Studs are produced to meet ASTM C645 and C955
- Galvanized sheet steel meets requirements of ASTM A-653
- For installation & storage information refer to ASTM C1007 & C754

SECTION & MATERIAL PROPERTIES

Type	Thickness (mm)	Flange (mm)	Width (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 (%)
J Runner	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

GREEN BENEFITS AND RECYCLED CONTENT

- LEED Credit MR 2 – USG products are manufactured from cold formed steel. Steel is 100% recyclable, which helps divert debris from the waste stream.
- LEED Credit MR 4 – USG’s steel products have a minimum of 25.5% post-consumer recycled content, and 6.8% pre-consumer.

REFERENCES

For further health and safety instructions, refer to the Safety Data Sheet (SDS) for this product, available from your USG Middle East sales office or USGme.com

Disclaimer:
Information contained in this document is subject to change without prior notice due to our ongoing product development. We recommend referring to the website usgme.com for the most up-to-date and accurate product information.

©2024 Factory of USG Middle East LTD. Co. All rights reserved.

