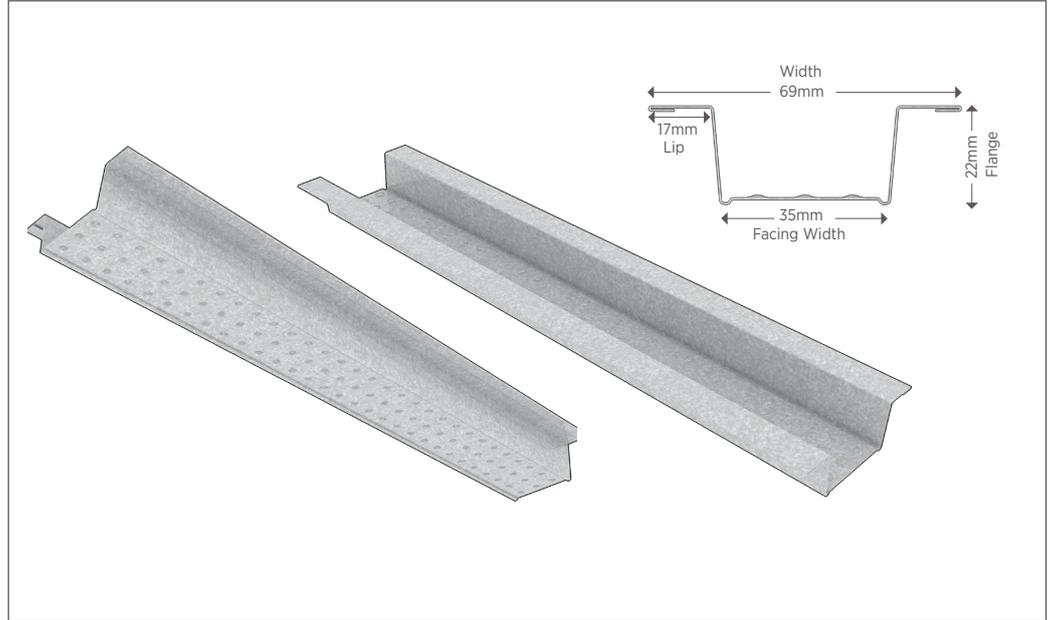


FURRING CHANNEL DRYWALL SUSPENSION

FC2269-060

Furring Channel	Flange	Width	Thickness
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DESCRIPTION

Furring Channels are hat channels used to hold wall boards in Drywall ceiling and wall lining applications. It is also used as framings for drop down ceiling.

MATERIAL PROPERTIES

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

ASTM & CODE STANDARDS

- Furring Channels 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 TABLE NOTES

Type	Thickness (mm)	Flange (mm)	Width (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 (%)
Furring Channels	0.45	22.00	69	48.6	11.11	3,695.00	339.00	8.72	297-308	366-372	29-30
	0.50	22.00		54	11.12	4,084.00	375.00	8.70	297-308	366-372	30-31
	0.55	22.00		59.4	11.13	4,470.00	411.00	8.67	297-308	366-372	30-31
	0.60	22.00		64.8	11.15	4,851.00	447.00	8.65	297-308	366-372	29-30
	0.70	22.00		75.6	11.17	5,604.00	518.00	8.61	297-308	366-372	30-31
	0.80	22.00		88	11.20	6,340.00	587.00	8.49	297-308	366-372	30-31
	0.90	22.00		99	11.23	7,063.00	656.00	8.45	297-308	366-372	29-30
	1.20	22.00		132	11.31	9,147.00	855.80	8.32	297-308	366-372	30-31
	1.50	22.00		165	11.39	11,118.00	1,048.00	8.21	297-308	366-372	30-31

PACKAGING

	Furring Channels
0.45mm - 0.7mm	480 Pcs
0.8mm - 1.5mm	256 Pcs

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.

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