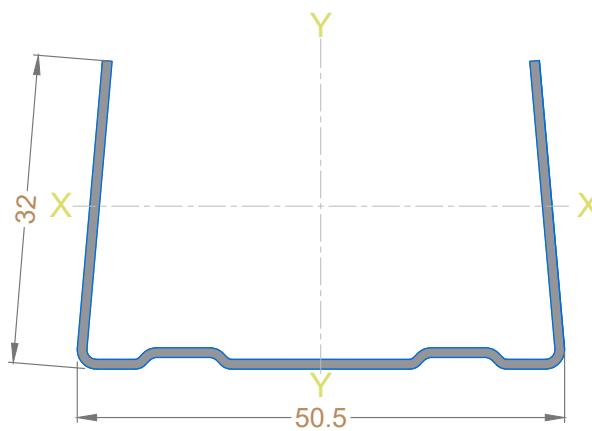
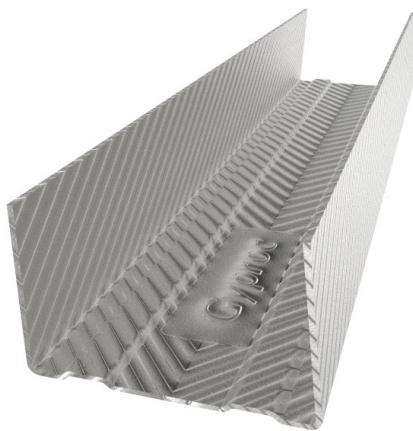


PRODUCT DATA SHEET

MF 005

50x0.5mm GypSerra™ Floor & Ceiling Channel



Description:

50x0.5mm GypSerra™ Floor & Ceiling Channel is used for retaining wall studs at floor and ceiling junctions. It is also used to create the door & window frame.

GypSerra™:

GypSerra™ is "Patented in India (325062)". The steel is driven between two mating rollers to create a serrated surface.

Compliance Standards:

IS 513 : Raw material of Metal frames

IS 16162 : Coil thickness tolerance

IS 15961 : Metal frames coating

BS EN 14195 : Metal frame dimensions and tolerances

Reference Standards:

AS 1397: Metal frames coating

Technical Details:

Parameters	Value	Unit
Thickness	0.5 (± 0.04)	mm
Web	50.5 ($+0/-0.4$)	mm
Flange 1	32 (± 0.75)	mm
Flange 2	32 (± 0.75)	mm
Length	3660 (± 4)	mm
Weight	0.43	Kg/Running meter
Cross-Section Area	56.5	mm ²
Moment of Inertia- I _{xx}	6173.4	mm ⁴
Moment of Inertia- I _{yy}	24504.8	mm ⁴

Material Properties:

Material	CR1 Grade steel
Yield Stress	300 MPa
Ultimate Tensile Strength	340 MPa
Finish	AZ150

PRODUCT DATA SHEET

MF 005

50x0.5mm GypSerra™ Floor & Ceiling Channel



Handling & Storage:

General :

It is important to observe appropriate health and safety legislation when working on site i.e. personal protective clothing and equipment, etc. The following notes are intended as general guidance only. In practice, consideration must be given to design criteria requiring specific project solutions.



- PPE: Gloves, hard hat and safety shoes required.
- Always approach the lengths of metal from one end.
- Place one foot forward.
- Unlock the knees for low level work.
- Take a firm grip & Lift with the legs.



- Place over the shoulder.
- Work your way to the middle (point of balance).



- Unlock the knees to rest the stack against the shoulder.
- Allow the stack to pivot against the shoulder as you stand up.



- Only carry over the shoulder if you can remain upright.
- Be aware of your surroundings when carrying lengths of metal in this way.

Storage:

- All the components should be stored off the ground with adequate spacer between two stacks.
- Avoid any direct contact of water (Rain water, curing water) for a longer duration. Ensure adequate ventilation to avoid formation of white rust or wet storage stain.
- Coating reacts with humidity or such other environmental conditions, usage of water for project site which contain higher Sulphate, Chloride or any other chemicals and atmospheric gases, which in turn leads to formation of rust. Hence proper care must be taken to avoid the same.

Application and Installation:

Refer below links for more details.

- <https://www.gyproc.in/resources-videos>
- <https://play.google.com/store/apps/details?id=com.sg.R14A.GyprocTechConnect>

Saint Gobain India Pvt Ltd- Gyproc® Business reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work.

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