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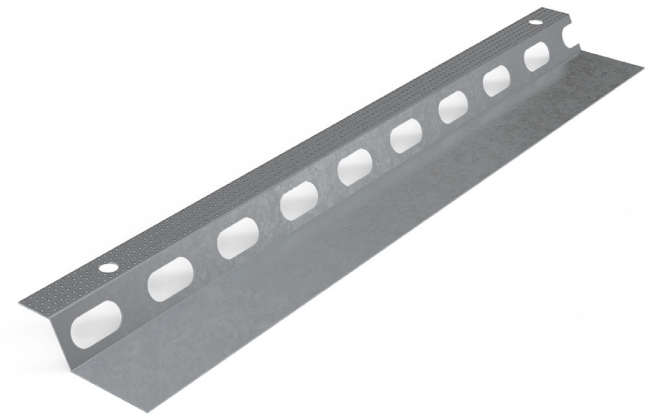
MADA GYPSUM

MADA RESILIENT CHANNEL

Technical Data Sheet

TDS-MM-R11-Rev1 RESILIENT CHANNEL - May 2022



Product Description

The Mada Resilient Channel work like an acoustical barrier, isolating the gypsum board from the framing system to minimize the contact area. Sound waves are disrupted as they attempt to travel through floor and wall assemblies and into adjoining areas, improving sound isolation performance.

Field of Application

- Non-load bearing partition framing systems
- Liner systems
- Metal stud ceiling systems
- And other non-load bearing assemblies

Tested and Certified to meet and exceed ASTM E119 for Fire Rated Systems

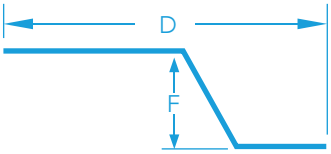
TECHNICAL DATA SHEET

Manufacturing Standards

- All Mada Metal Profiles are manufactured to meet or exceed ASTM C645 and ASTM C955.
- Galvanized Steel Coils meet or exceed ASTM A653.
- For recommended storage and installation, please refer to ASTM C754 and ASTM C1007.

Product Characteristics

Description	Technicals Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flange	14 mm
Length	3000 mm
Thickness (mm), [TCT]	0.40, 0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.20
Sizes (mm)	40 x 13.5, 45 x 17



Recommendations

- Use Mada Wafer Head Screw for metal-to-metal connection.
- Contact technical@madagypsum.com for additional information.

Material Storage and Handling

- Metal products are available in both pack and sub-pack quantities and should be handled in accordance with the recommendations contained in Local Health and Safety at Work Principles and Practices.
- Use only properly trained and licensed operators when for mechanical lifting or movement.
- Store metal products away from airborne contaminants such as acid or salt spray in an environmentally friendly area.
- Always wash hands for personal hygiene and before eating/drinking. Those with sensitive skin conditions should seek medical advice before prolonged handling of metal products.
- When cutting metal profiles, always wear non-fogging goggles for maximum eye protection.
- Consult the Mada System Guide for additional information about related systems and installations.
- Refer to Mada Safety Data Sheet for additional guidance with health and safety, storage, and handling.

Cold-Formed Steel Design References

- North American Specification for the Design of Cold-Formed Steel Structural Members (AISI S100 and AISI S200).
- Analysis and Design of Cold Formed Members per the LRFD and ASD Methods.

General Notes

- This product should not be used for purposes other than those shown on the Mada Technical Proposal.
- This product is a component of the Mada Plus System. Our System Performance Warranty applies to only framing systems made up entirely of Mada Plus System components.
- As products are improved, Mada Gypsum Company may amend this information as needed, without prior notice. Please refer to www.madagypsum.com for the latest information.