



Issue No. 02

2025

MADA METAL PROFILES AND ACCESSORIES

Precision-Engineered Steel Systems for Modern Construction



INTRODUCTION

Mada Metal Profiles and Accessories represent the structural backbone of Mada's complete drywall systems. Designed with precision and manufactured from high-grade hot-dip galvanized steel, these profiles deliver strength, durability, and consistency across all interior wall and ceiling applications.

Each Mada profile is cold-rolled to tight tolerances, ensuring uniformity, straightness, and clean installation on-site. With corrosion-resistant coatings (Z120, Z180, Z275), high tensile strength, and multiple configurations, Mada profiles are engineered to meet or exceed ASTM, EN, and GCC specifications, making them suitable for high-performance and fire-rated systems.

What sets Mada's offering apart is the system-oriented approach: every stud, track, channel, and bracket is designed to integrate seamlessly with Mada plasterboards, insulation, tapes, jointing compounds, and accessories. This holistic compatibility ensures performance, reduces installation errors, and qualifies for Mada's Full System Warranty when used together.

From partitions and shaft walls to braced liners and suspended ceilings, Mada Metal Profiles are used in:

- Residential complexes
- Commercial buildings
- Healthcare facilities
- Airports and transportation hubs
- Industrial and educational structures

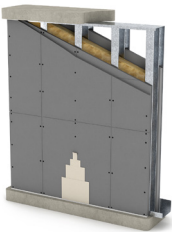
Whether you're designing for structural integrity, acoustic performance, or fire resistance, Mada's metal substructures deliver reliability from the drawing board to project handover. Mada Metal Profiles are more than components—they're the engineered foundation of our certified drywall systems.

APPLICATION AREAS

a. Partition Walls



b. Shaft Wall



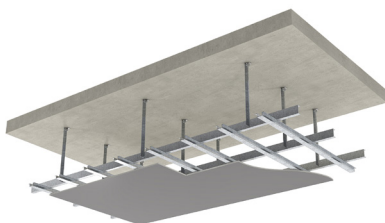
c. Braced Liner



d. Independent Liner

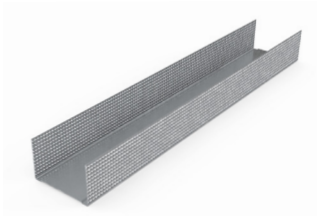


e. Ceiling

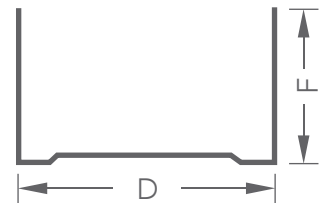


COMPONENTS

Wall Track (U-Track)



Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flanges (mm) (F)	32/32, 27/27
Length (mm)	3000
Thickness (mm), [TCT]	0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.00, 1.20 & 1.50.
Sizes (mm), [Depth] (D)	42, 50, 60, 64, 70, 75, 90, 94, 100,125,150 & 200

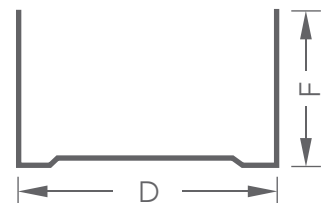


Manufactured from cold-rolled steel using a Hot-Dipped Galvanization process conforming to ASTM 653, Mada Wall Track (U-Track) supports the wall or soffit studs of assemblies where vertical deflection is not needed or required. Mada's Wall Track (U-Track) features a knurled surface for superior strength, increased stiffness, and less screw slippage.

DHT Track



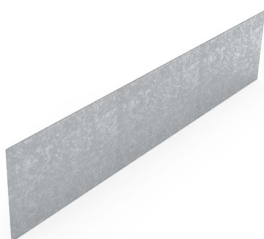
Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flanges (mm) (F)	50/50
Length (mm)	3000
Thickness (mm), [TCT]	0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.00, 1.20 & 1.50.
Sizes (mm), [Depth] (D)	50, 60, 64, 70, 75, 90, 94, 100,125,150 & 200



Mada DHT (Deflection Head Track) supports the wall or soffit studs, allowing for the vertical deflection of floor beams and floor decks above. Our DHT track features a knurled surface for superior strength and increased stiffness.

COMPONENTS

Flat Strap



Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Length (mm)	3000
Thickness (mm), [TCT]	0.50, 0.55, 0.60, 0.80, 0.90, 1.00, 1.20, 1.50
Sizes (mm), [Depth] (D)	59, 60, & 62



Made from cold-rolled steel coils, the Mada Flat Strap is normally used for covering up horizontal cuts of the gypsum board, for bracing with twin frame wall systems, and to provide additional support for intermediate and heavy weight fixtures and devices.

Fixing Channel



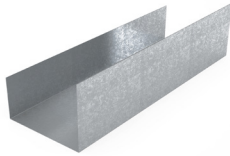
Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flanges (mm) (F)	12/12, 10/10
Length (mm)	3000
Thickness (mm), [TCT]	0.55, 0.60, 0.70, 0.80, 0.90, 1.00, 1.20, 1.50
Sizes (mm), [Depth] (D)	72



Made from cold-rolled steel coils, the Mada Fixing Channel is normally used for covering up horizontal cuts of the gypsum board, for bracing with twin frame wall systems, and to provide additional support for intermediate and heavy weight fixtures and devices.

COMPONENTS

J-Runner

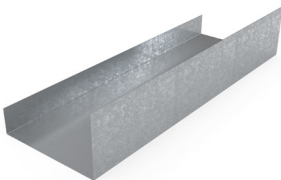


Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flanges (mm) (F)	57/25
Length (mm)	3000
Thickness (mm), [TCT]	0.55, 0.60, 0.70, 0.80, 0.90, 1.00, 1.20
Sizes (mm), [Depth] (D)	64, 100, & 150

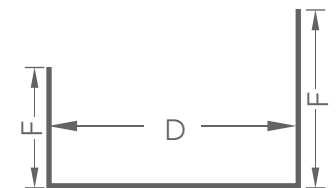


Manufactured from cold-rolled steel using a Hot-Dipped Galvanization process conforming to ASTM 653, our studs connect to the J-Runner track via a friction fit for both CH-Stud and E-Stud. In addition to being suitable for both Fire Rated and Non-Fire Rated wall assemblies, the J-Runner track can also be used for slip-joint requirements.

J-Runner Deflection Head



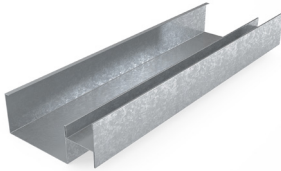
Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flanges (mm) (F)	75/50
Length (mm)	3000
Thickness (mm), [TCT]	0.80, 0.90, 1.00, 1.20
Sizes (mm), [Depth] (D)	66, 102, & 152 (dimension as outer edge to outer edge)



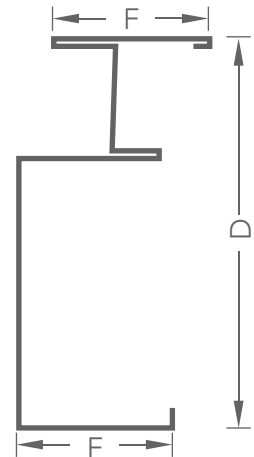
Manufactured from cold-rolled steel using a Hot-Dipped Galvanization process conforming to ASTM 653, our studs connect to the J-Runner Deflection Head via a friction fit for both CH-Stud and E-Stud. In addition to being suitable for both Fire Rated and Non-Fire Rated wall assemblies, the J-Runner Deflection Head can also be used for slip-joint requirements.

COMPONENTS & ACCESSORIES

CH-Stud



Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flanges (mm) (F)	38/35
Lip (mm)	4.5, 5.0, 5.5 & 6.0
Length (mm)	Minimum 3000 and varies as per project requirement
Thickness (mm), [TCT]	0.80, 0.90, 1.00, 1.20
Sizes (mm), [Depth] (D)	64, 100, & 150

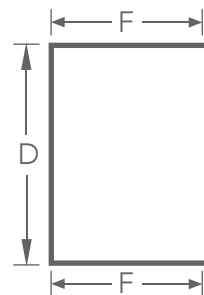


Manufactured from cold-rolled steel using a Hot-Dipped Galvanization process conforming to ASTM 653, Mada CH-Studs install vertically on 600mm spacing between the top and bottom wall tracks for Shaft Wall assemblies.

Furring Track



Description	Technical Parameters
Material	Galvanized Steel
Coating	Z60 and Z120
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Thickness (mm)	0.40, 0.45 & 0.50
Flanges (mm)	19/29
Length (mm)	3000
Sizes (mm), [Depth]	23



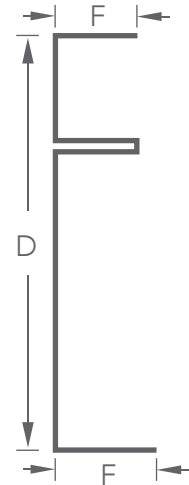
Made from cold-rolled steel for superior strength, increased stiffness, and less screw slippage. Mada Wall Angle attaches to the wall with mechanical fasteners to provide support for intermediate channels.

COMPONENTS & ACCESSORIES

E-Stud

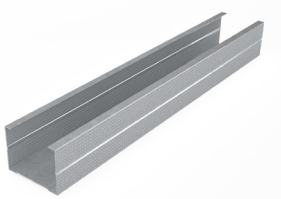


Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flanges (mm) (F)	25/19
Lip (mm)	4.5, 5.0, 5.5 & 6.0
Length (mm)	Minimum 3000 and varies as per project requirement
Thickness (mm), [TCT]	0.80, 0.90, 1.00, 1.20
Sizes (mm), [Depth] (D)	64, 100, & 150

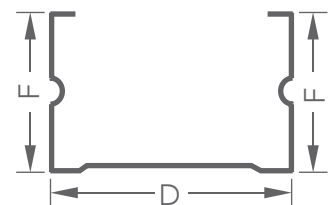


Mada E-Studs are extremely lightweight and typically used as starter and end studs, as well as door openings, and wall intersections. The 25 mm gaps at the flange allow for the friction-fit of Mada Plus Shaft Board. The Mada E-Stud is made from cold-rolled steel using a Hot-Dipped Galvanization process conforming to ASTM 653.

Wall Stud (C-Stud)



Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa-310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flanges (mm) (F)	32/32, 34/36
Lip (mm)	4.5, 5.0, 5.5 & 6.0
Length (mm)	Minimum 3000 and varies as per project requirement
Thickness (mm), [TCT]	0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.00, 1.20 & 1.50.
Sizes (mm), [Depth] (D)	40, 48, 58, 62, 68, 73, 88, 92, 98, 123, 148 & 198



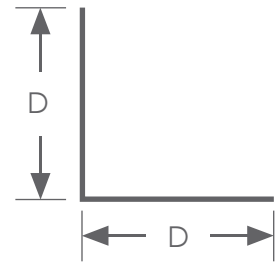
Manufactured from cold-rolled steel using a Hot-Dipped Galvanization process conforming to ASTM 653, our studs connect the top and bottom wall tracks via a friction fit. Mada's Wall Studs (C-Stud) feature a knurled surface for superior strength, increased stiffness, and less screw slippage.

COMPONENTS & ACCESSORIES

Wall Angle



Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Length (mm)	3000
Thickness (mm), [TCT]	0.45, 0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.20
Sizes (mm), [Depth] (D)	25 x 25, 35 x 35, 50 x 50, Unequal angle as per project requirements

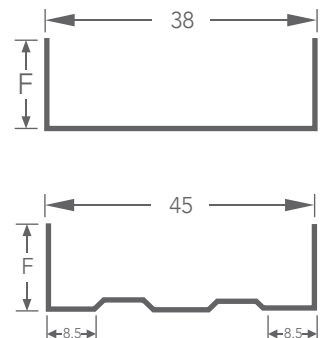


Made from cold-rolled steel for superior strength, increased stiffness, and less screw slippage. Mada Wall Angle attaches to the wall with mechanical fasteners to provide support for intermediate channels.

Main Channel



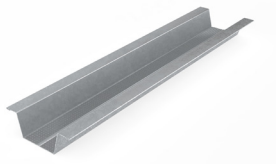
Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flanges (mm) (F)	10/10, 11/11, 12/12
Length (mm)	3000
Thickness (mm), [TCT]	0.50, 0.55, 0.60, 0.80, 0.90, 1.20, 1.50
Sizes (mm), [Depth] (D)	38, 45



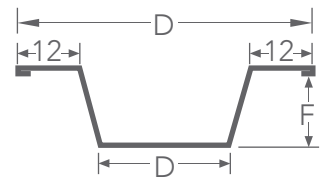
Mada Main Channels are the structural component of a metal stud ceiling system and are typically supported from the structure above with rigid hangers, adjustable clips, or hooked and tied wires. Our Main Channels feature a knurled surface for superior strength, increased stiffness, and less screw slippage.

COMPONENTS & ACCESSORIES

Hat Shaped Furring Channel

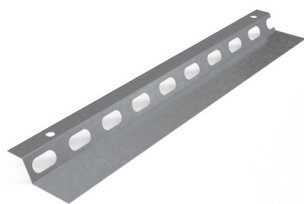


Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flanges (mm) (F)	22/22
Length (mm)	3000
Thickness (mm), [TCT]	0.40, 0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.20
Sizes (mm), [Depth] (D)	70 x 35, 85 x 50

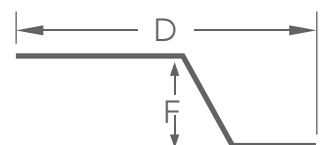


The Hat Shaped Furring Channel can be used to furr-out (align) one surface to another before applying final finish materials. They are the secondary support of a metal stud ceiling system, attaching perpendicular to the Mada Main Channels. Our Hat Shaped Channel also features a knurled surface for superior strength, increased stiffness, and less screw slippage.

Resilient Channel



Description	Technical Parameters
Coating	Z120, Z180 & Z275
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Material	Galvanized Steel
Flange (mm)	14
Length (mm)	3000
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



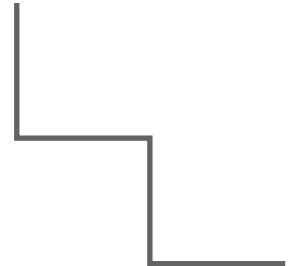
The Mada Resilient Channel work like an acoustical barrier, isolating the gypsum board from the framing system to minimize the contact area. Sound waves are disrupted as they attempt to travel through floor and wall assemblies and into adjoining areas, improving sound isolation performance.

ACCESSORIES

W-Angle



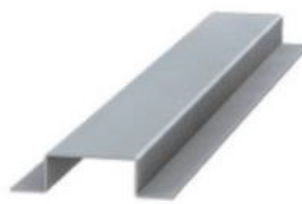
Description	Technical Parameters
Material	Galvanized Steel and PVC
GI Coating	Z120
PVC Coating (RAL	9001, 9003, 9010 and 9016
Yield Strength	240MPa - 310MPa
Tensile Strength	340MPa - 420MPa
Thickness (mm)	0.45
Length (mm)	3000
Size (mm)	20 x 20 x 20 x 20 and 20 x 15 x 15 x 20



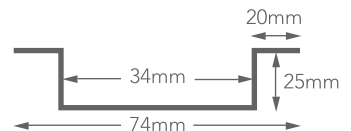
Mada W Angles are cold-rolled and powder coated profiles manufactured from pre-painted corrosion resistant hot-dipped galvanized steel and conforming to ASTM A-653.

They are ideal to use for a quick and easy finishing for your external corners. The beads are available in a variety of standard and customized sizes. They can be fixed to the sheet of plasterboard with an adhesive or staples, with the finishing coats bonding into the plasterboard and feathering up to the bead nib.

Stud Batten



Parameters	Details
Material	Galvanized Steel SGC440
GI Coating	Z180 / Z275
Yield Strength	310MPa
Tensile Strength	420MPa
Thickness (mm)	0.6
Length (mm)	3000
Flange Size (mm)	20x20
Standard Size (mm)	34x13.5 & 34x16



Mada Stud Battens are produced from cold-rolled galvanized steel coils, ensuring durability and corrosion resistance. These battens feature a hat-shaped profile designed to provide precise alignment for partition metal framing. Ideal for various construction applications, they offer strong structural support and easy installation.

METAL PROFILES ACCESSORIES



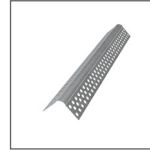
Mada UDZ Wedge Anchor

The UDZ Wedge Anchor combines the principle of a bolt anchor with that of a simple hammer-set anchor, where no tightening torque is required. The anchor expands automatically under the load of the application and pulls the cone into the expansion sleeve.



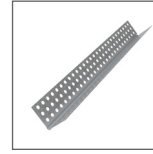
Mada C-Clamp

Is designed to hold the primary ceiling channel to soffit by means of a threaded rod.



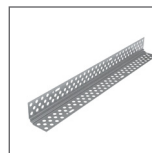
Mada Bull Nose Bead

The Bull Nose Beads provides a fast, durable finishing solution for external corners. The beads help soften the corners and avoid easy damage compared to sharp corners and are available in a variety of standard and customized sizes.



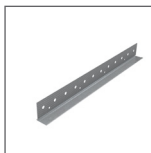
Mada Corner Bead (External)

The Corner Beads (External) are designed for clean and efficient finishing of your external corners.



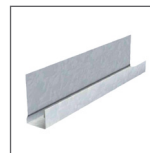
Mada Corner Bead (Internal)

The Corner Beads (Internal) are ideal for a quick and easy finishing for internal corners. The beads are available in a variety of standard and customized sizes. They can be fixed to the sheet of plasterboard with an adhesive or staples, with the finishing coats bonding into the plasterboard and feathering up to the bead nib.



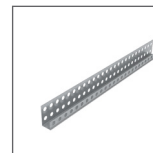
Mada L-Bead

The L Beads have a perforated, recessed edge and are used where the edge of the plasterboard is not exposed and where the fitting of a Stopping Bead would be difficult. The L Bead is fixed to the sheet of plasterboard with an adhesive or staples, with the finishing coats bonding into the plasterboard and feathering up to the bead nib.



Mada LC - Bead (J - Shaped)

The LC Beads (J-Shaped) are ideal for Mada's Plasterboards of 12.5mm to 16mm thick. The finishing coats are applied up to the nib, which is blended back into the sheets.



Mada Stopping Bead

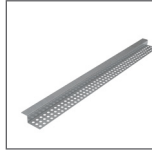
The Stopping Beads are square cornered metal beads serving as plaster blocks that fit snugly over the edge of plasterboards for protection at abutments, whilst no setting required. Upon installation, it allows jointing compound to maintain a straight line and may then be easily painted at site.

METAL PROFILES ACCESSORIES



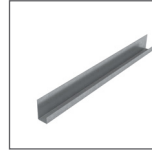
Mada Shadow Gap

Mada Shadow Gap Angles are cold-roll formed profiles made from pre-painted corrosion resistant hot-dipped galvanized steel and conforming to ASTM A-653.



Mada M-50 Shadow Gap

Mada M-50 Shadow Gap Angles are cold-roll formed profiles made from pre-painted corrosion resistant hot-dipped galvanized steel and conforming to ASTM A-653.



Mada Casing Bead

The Casing Beads serve as plaster blocks and are square cornered metal beads that fit snugly over the edge of Plasterboards for protection at abutments, whilst no setting required. Upon installation, the Casing Beads allow Jointing compound to maintain a straight line and may then be easily painted at site.



Mada Trubolt Stud Anchor

Trubolt Stud Anchor is a true-to size, heavy duty, torque controlled expansion anchor, for permanent anchoring into concrete. The anti-rotation expansion sleeve is designed to grip the sides of the hole, preventing anchor rotation during installation.



Mada PLUS Drop-in Anchor

Drop-In-Anchors are an all-steel, medium duty expansion anchor designed to provide a permanent anchorage point in concrete substrates. An internal thread allows for use with both machine bolts and threaded rod, with no restrictions on fixture thickness.



Mada Threaded Rod

Mada Threaded Rod features threads along the entire length. Threaded rods are used to suspend ceilings with one end fixed to the concrete slab / beams or any other structure with suitable fixings and the other end to the ceiling framework.



Mada Wafer Head Self Drilling Screw

Mada Wafer Head Self Drilling screws with a head diameter of 11mm are designed for assembling steel framing components for up to 3.0mm thick.



Mada Self Tapping Screw

Mada Self Tapping bugle head screw has the ability of the screw to advance while creating its own thread. It is used for fastening drywall and other accessories mounting on steel structures below 0.8mm thick.

METAL PROFILES ACCESSORIES



Mada Self Drilling Screw

Mada Self Drilling bugle head screws also known as Tek screws, eradicate the need for a pre-drilled hole and allow drilling and tie to be done in the same motion. It is used for fastening drywall and other accessories mounting on steel structures from 0.90mm up to 3.0mm thick.



Mada Adjustable Furring Channel Clip

Mada Adjustable Furring Channel Clips are used to provide adjustment for masonry walls, CMU, block wall & ceiling. This eliminates the need for packers and extra fasteners & more accurate installation. Once the clip is securely fastened onto the wall or ceiling, the furring channel can be snapped in without the need of any extra fasteners. This clip can accommodate 75mm & 85mm furring channel.



Mada Procem Self Drilling Screw

Mada Procem Self Drilling screw with ribs under head has the ability to advance while creating its own thread and also drills for seating of screw head. It is used for fastening Mada Procem cement board and other accessories mounting on steel structures up to 1.20mm thick.



Mada Hex Head Self Drilling Screw

Mada Hex Head Self Drilling screws are used to fasten metal to metal or metal and other accessories from 0.8mm up to 3.0mm thick. It has very good tensile strength and High-torque hex head for fast framing and metal work.



Mada Hex Washer Head Self Drilling Screw

Hex washer head self drilling screws are used to fasten metal to metal or metal and other accessories from 0.8mm up to 3.0mm thick. It has very good tensile strength and high-torque hex head for fast framing and metal work.



Mada Laminating Self Tapping Screw

Laminating bugle head screws are designed to temporarily attach Mada plasterboard to plasterboard when gluing or laminating. This screw features a coarse thread design and great holding power.



Mada Slotted L-Bracket

Mada specially design L-bracket is typically used to transfer loads in external wall/heavy load attachment/high rise partition where deflection allowance is needed. The rigid structure in the shape of an L, one arm fixed to a vertical (Stud) surface, the other fixed to the support such as Wall, Ceiling, Slab, etc.



Mada Suspension L-Bracket

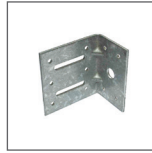
Mada specially design L-bracket is typically used as suspension bracket. The rigid structure in the shape of an L, one arm fixed to a vertical (suspension) surface, the other fixed to the support such as ceiling, slab, etc.

METAL PROFILES ACCESSORIES



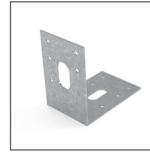
Mada Adjustable Furring Channel Clip

Mada Adjustable Furring Channel Clips are used to provide adjustment for masonry walls, CMU, block wall & ceiling. This eliminates the need for packers and extra fasteners & more accurate installation. Once the clip is securely fastened onto the wall or ceiling, the furring channel can be snapped in without the need of any extra fasteners. This clip can accommodate 75mm & 85mm furring channel.



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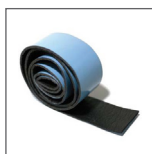
Glasswool Insulation

An insulating material consisting of fine, long, inorganic fibers bonded together by a high-temperature binder. Excellent acoustic properties, lightweight, high-tensile strength, with exceptional resilience.



Mada Access Panel

Mada Access panels are gypsum based built in accessories for Mada Plus drywall systems. Mada Access Panels are great for allowing access to service areas for plumbing, electrical, security systems, telephone, computer cables, sprinkler systems and more.



Mada Closed Cell Resilient Tape

Mada Closed Cell Resilient Tape has a strong adhesive, and carried on Brown siliconized release paper. The tape has excellent flexibility and suitable for thermal insulation, compressive filler & Sound attenuation fill.



Spit Hit M

Mada Approved Spit Hit M Anchor is a hammer-set anchor for light duty fixings designed to provide a permanent anchorage point in concrete.

METAL PROFILES ACCESSORIES



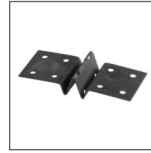
Beam Clamp

Mada Beam Clamp is made from galvanized cast iron, offering a simple and portable mean of attaching a hoist to a runway or lifting beam. Set screw must be tightened and torqued onto the flanges of the I-beam as per specs.



Acoustic Hanger

The Mada Acoustic Hanger is a sturdy U-shaped bracket with a lip on one end. The acoustic hanger has a vibration-dampening rubber component that is built to accommodate an internal threading for a threaded rod, which effectively dampens vibrations even at low frequencies, acoustically separating structure from ceiling.



Mada Acoustic V-Brace

Mada Acoustic V-brace is designed for bracing twin stud frames and to enhance its acoustic performance. V-brace is made from spring steel to optimize acoustic performance. Spring steel acoustic brace (For bracing twin wall partitions).

Note: This product is not for use in ceiling applications.



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