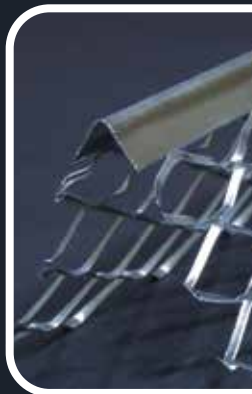
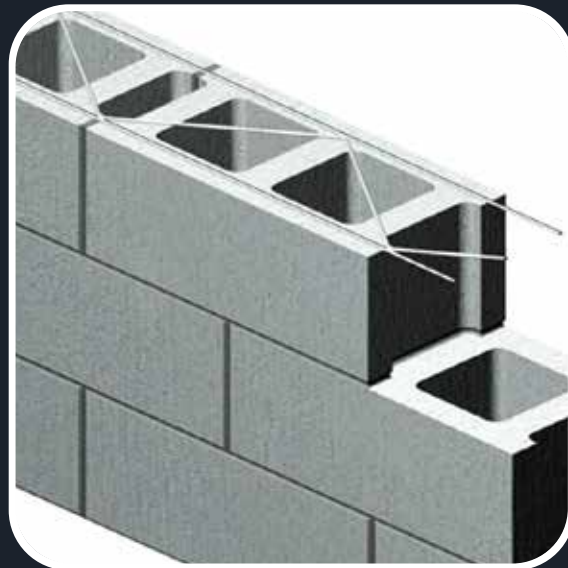
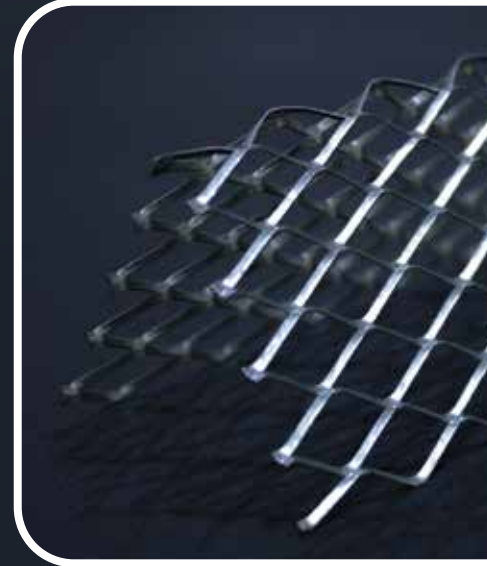
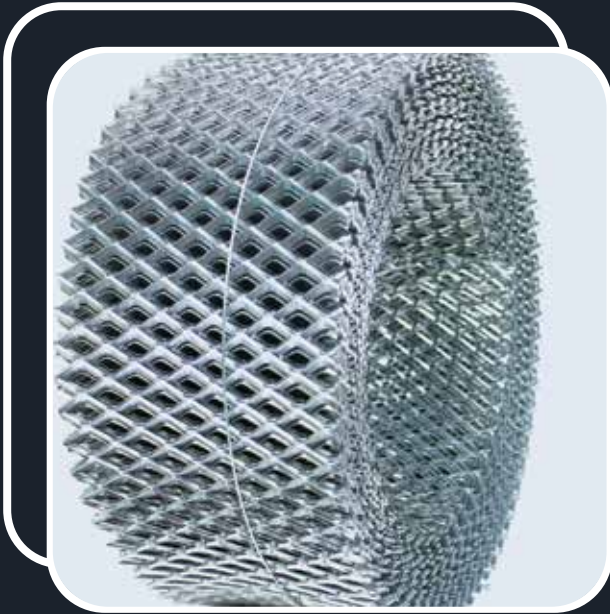




متكس مصنع تمديد المعادن
METEX METAL EXPANSION FACTORY

EXPANDED MESH EXPANDED METAL PRODUCT ACCESSORIES





www.metex.ae

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INTRODUCTION

Metex Metal Expansion Factory is part of Al Waseef Industries Group of Companies. The Group has diverse business portfolios with branches in Dubai, U.A.E. and across the G.C.C.

OUR MISSION

To give the best service, supply quality products at competitive prices and meet the needs and demands of our Customers at all times.

ABOUT METEX

Metex Metal Expansion Factory, (ISO certified - ISO 9001:2015), is engaged in manufacturing of industrial products like expanded mesh, reinforcement items, suspension systems, drywall partitions and ceiling systems since 1997. Metex products are made as per BS Standards and they are well known in the UAE and MENA markets for superior quality. Metex products are also certified by world renowned institutions like DAR, TUV, BM TRADA, UKAS etc.

Operating from a purposely built manufacturing plant in Dubai U.A.E., Metex and the Group committed to the provision of high standards of service, quality, innovation and professional expertise, guaranteeing satisfaction to build long term business relationship based on mutual benefit both for ourselves and our customers. Whilst there are other competitors offering similar products and services, we believe that we are always unrivaled in our desire to be consistent.

EXPANDED METAL PRODUCTS OF METEX INCLUDES:

BLOCK WORK ACCESSORIES

Brick/block mesh, Ladder mesh, Wall ties, Cavity ties and Lintels.

PROFILES

Furring channels, Stud channels, Track channels, main channel, perimeter/ wall angle channel.

OTHER MESH PRODUCTS

Ceiling mesh, Fencing, Welded wire mesh, Decorative mesh, Mesh for facade

PLASTERING ACCESSORIES

Angle beads, Plaster stoppers, Micro angle bead, Micro plaster stop bead, Corner mesh, Strip lath, Sheet lath, Rib lath, Hyrib lath, Fiber mesh, Architrave beads, Control joints and Movements beads etc.

COIL SERVICES

Slitting, Cut to length
Trading

Packing

METEX products are packed or bundled for easy and safe transportation carrying labels that displays product name, reference number and quantity.

Delivery

Our logistics team are able to cover the entire UAE and GCC market, Depending on requirement and urgency

HELPING TO BUILD TODAY, A BETTER TOMORROW



METEX METAL EXPANSION FACTORY



METEX METAL EXPANSION FACTORY



A nighttime photograph of a cityscape. In the foreground, a modern building with a curved, glass facade is illuminated from within, reflecting on the water in front of it. Several palm trees are visible in front of the building. In the background, several tall skyscrapers are visible, some with lights on. The sky is dark.

To be a leading supplier of Steel products in UAE and MENA region. To Expand our products variation using the latest technological innovations in the industry with focus on quality and sustainability to better serve our customers



BLOCK WORK REINFORCEMENT

BLOCK WORK MESH

BLOCK REINFORCEMENT LADDER TYPE

BLOCK REINFORCEMENT TRUSS TYPE

BLOCK WORK MESH

Block mesh is used in block works where extra strength and stability are required as on footings, parapets and localized stress areas. Block works with mesh reinforcement helps the walls to resist stress caused by vibrations and thermal changes. Block work mesh should be used in every alternate course of a wall. Combinations of different widths of block mesh may be used to suit any wall thickness .



Galvanized Steel

Reference Code	Length in (M)	Width (mm)
BRG 080	50/100	80
BRG 100	50/100	100
BRG 150	50/100	150
BRG 175	50/100	178
BRG 200	50/100	200
BRG 250	50/100	250
BRG 300	50/100	300
BRG 350	50/100	350

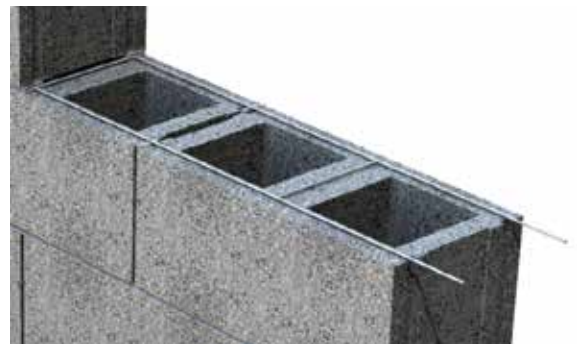
Stainless Steel

Reference Code	Length in (M)	Width (mm)
BRS 080	50/100	80
BRS 100	50/100	100
BRS 150	50/100	150
BRS 175	50/100	178
BRS 200	50/100	200
BRS 250	50/100	250
BRS 300	50/100	300
BRS 350	50/100	350

**Special widths up to 700mm and lengths are available upon request*

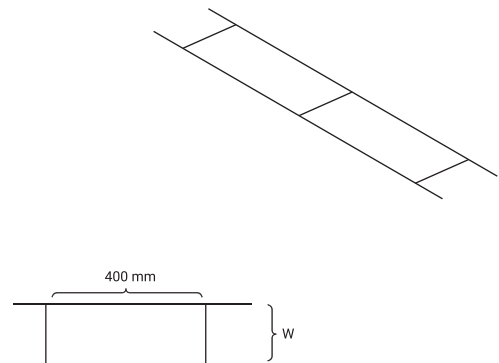
BLOCK REINFORCEMENT – LADDER TYPE

Ladder type reinforcements are designed to be embedded in the horizontal mortar joints of masonry walls. It consists of two parallel side rods with cross rods at 16” (400mm) distances thus forming a ladder configuration. Overall measurement side to side approximately 50 mm (2”) less than the nominal wall thickness to be embedded in masonry.



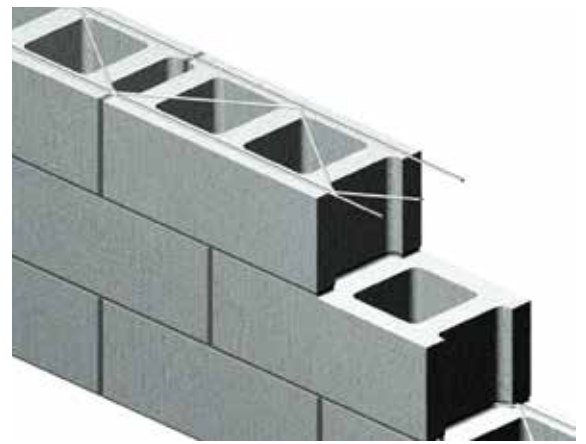
Galvanized Steel	Stainless Steel	Width (mm)	Length (mm)	Wire Size (mm)	Packing Pcs/Bundle
LMG050	LMS050	50	3000	3/4/5	20
LMG100	LMS100	100	3000	3/4/5	20
LMG150	LMS150	150	3000	3/4/5	20
LMG200	LMS200	200	3000	3/4/5	20
LMG250	LMS250	250	3000	3/4/5	20
LMG300	LMS300	300	3000	3/4/5	20

**Other sizes are available upon request
Note: All dimensions are in mm*



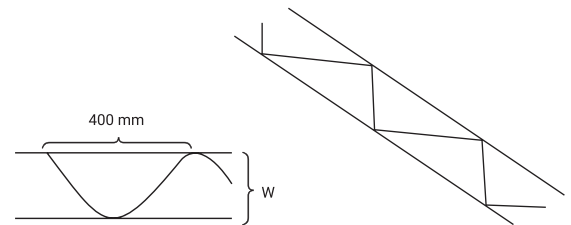
BLOCK REINFORCEMENT – TRUSS TYPE

Truss type masonry wire reinforcements are designed to be embedded in the horizontal mortar joints of masonry walls. It consists of two parallel longitudinal deformed or plain side rods well connected to a continuous diagonal formed cross rod forming a truss designs with alternating welds not exceeding 800 mm (31”) overall. The cross rods are electrically butt-welded to deformed side rods in a single plane.

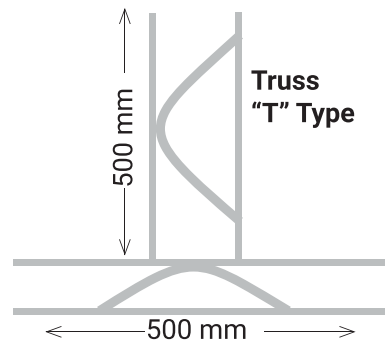
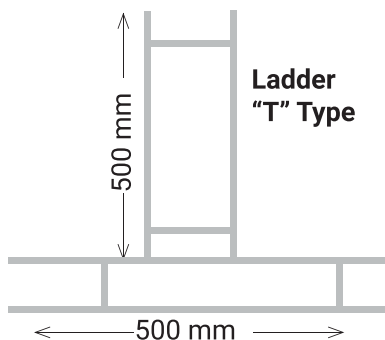
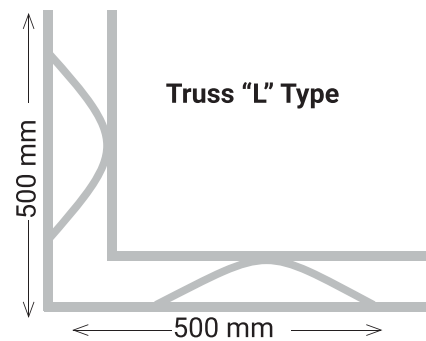
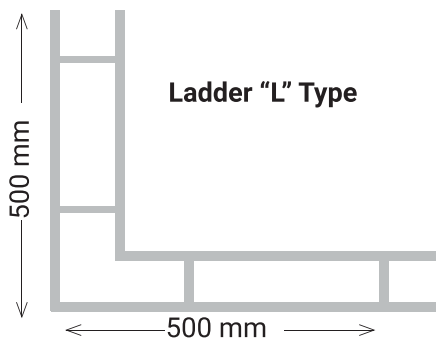


Galvanized Steel	Stainless Steel	Width (mm)	Length (mm)	Wire Size (mm)	Packing Pcs/Bundle
LMG050-TR	LMS050-TR	50	3000	3/4/5	20
LMG100-TR	LMS100-TR	100	3000	3/4/5	20
LMG150-TR	LMS150-TR	150	3000	3/4/5	20
LMG200-TR	LMS200-TR	200	3000	3/4/5	20
LMG250-TR	LMS250-TR	250	3000	3/4/5	20
LMG300-TR	LMS300-TR	300	3000	3/4/5	20

**Other sizes are available upon request
Note: All dimensions are in mm*



CORNER REINFORCEMENT – “L” TYPE AND “T” TYPE



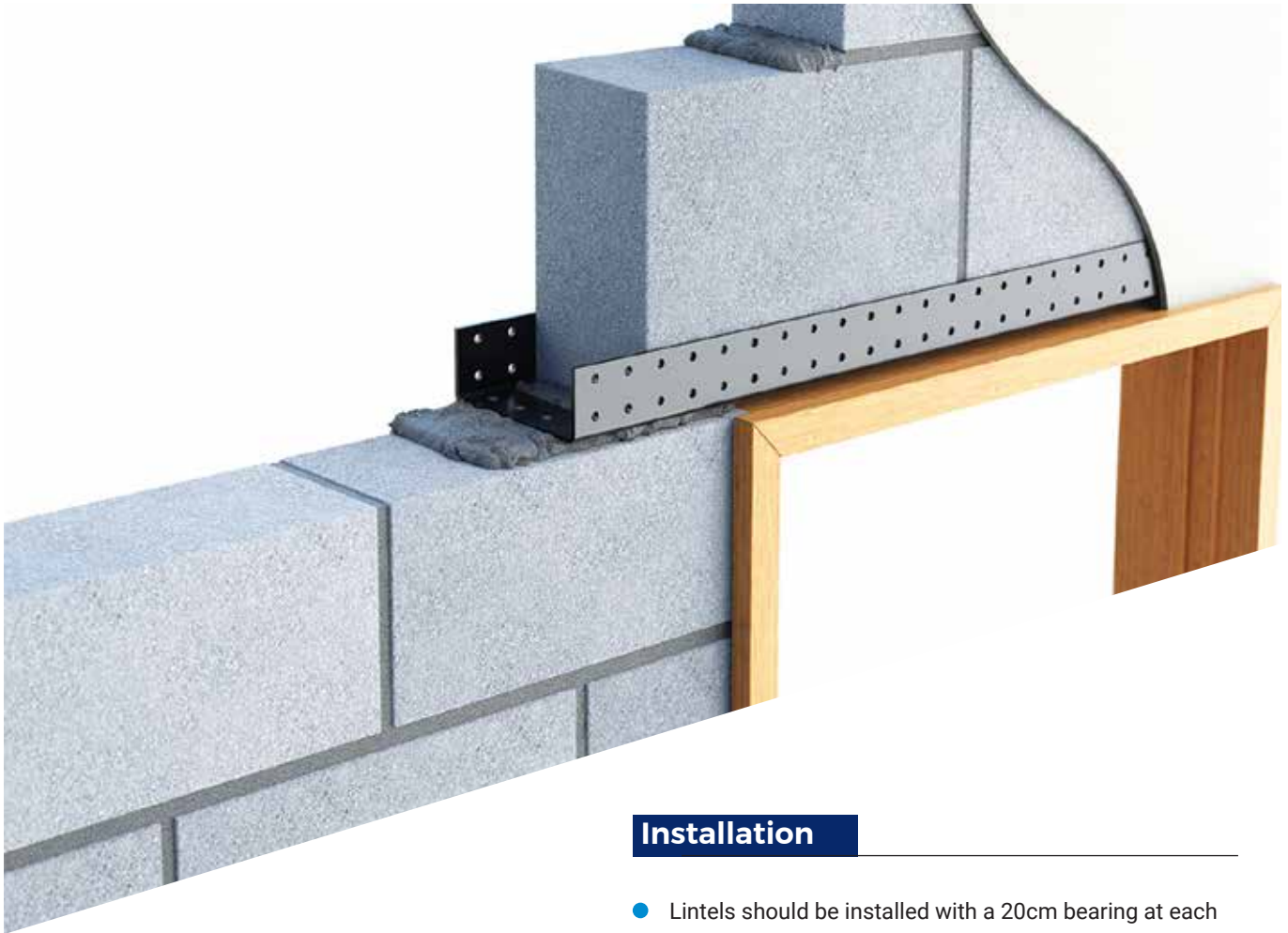
LINTELS

Steel lintel is a structural horizontal channel beam that spans the space or opening between two vertical supports, such as over doors and windows.

Lintels provide a combination of strength and light weight resulting in efficient load bearing performance and increased productivity at site. They are characterized by their ease of installation as well as time saving since block work can be continued without delay

Features & Benefits

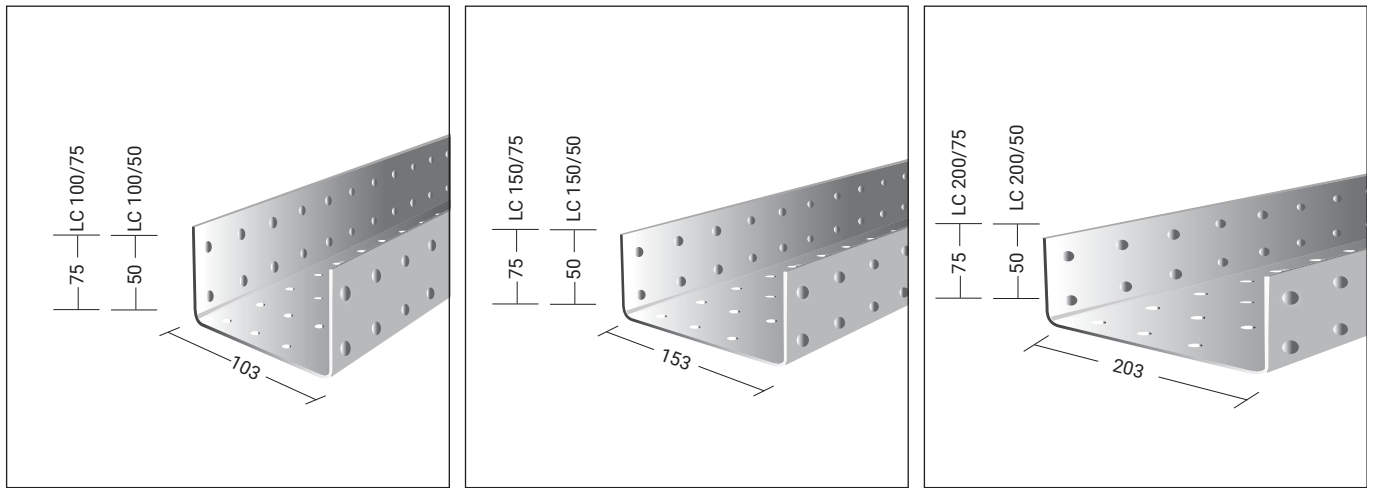
- Time saving and effective
- Easy to use with two men can handle the job.
- Block work can be continued without delay.



Installation

- Lintels should be installed with a 20cm bearing at each end and should be fully bedded on block work mortar
- Lintels cannot be altered from the original manufactured sizes (like cutting or welding).
- Lintels must be used as per the weight standards (not exceeding actual load bearing capacity).
- To avoid chance of deflection, support must be provided at the center until mortar is dry.
- Damaged lintels cannot be used.

** Load Calculation can be provided as per client's request for which size and density of block, density of plaster and plaster thickness are required.*



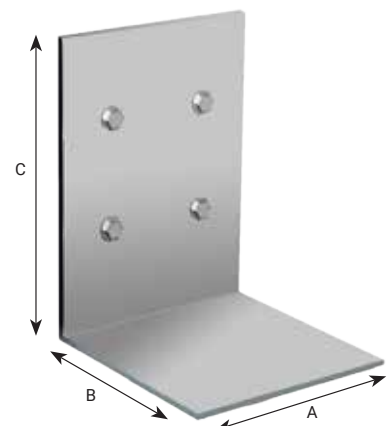
STEEL LINTEL SAFE LOAD SPAN

Reference Code	Flange Height (mm)	Width of Lintel (mm)	Thickness/Gauge(mm)	0.90-1.20	1.0-1.50	1.60-1.80	1.90-2.10	2.20-2.40	2.50-2.60	2.80-3.00
MLT100A	50	100	2.0	0.55	0.42	0.31	-	-	-	-
	50	100	2.5	0.80	0.58	0.38	0.24	0.18	0.16	-
	50	100	3.0	1.12	0.66	0.44	0.31	0.25	0.47	0.13
MLT100B	75	100	3.0	1.63	1.25	1.00	0.86	0.64	-	0.38
MLT150A	50	150	2.0	0.48	0.37	0.27	-	-	-	-
	50	150	2.5	0.76	0.58	0.41	0.27	0.19	-	-
	50	150	3.0	1.22	0.79	0.52	0.37	0.28	-	-
MLT150B	75	150	3.0	1.63	1.25	1.00	0.86	0.64	-	-
MLT200A	50	200	2.0	0.62	0.48	0.35	-	-	-	-
	50	200	2.5	0.77	0.59	0.41	0.29	0.21	-	0.21
	50	200	3.0	1.05	0.80	0.53	0.38	0.28	-	0.28
MLT200B	75	200	3.0	1.63	1.25	1.00	0.86	0.64	0.47	0.37
MLT250A	50	250	2.0	0.62	0.48	0.35	-	-	-	-
			2.5	0.77	0.59	0.41	0.29	0.21	-	-
			3.0	1.05	0.89	0.53	0.38	0.28	0.19	0.28

*Other sizes are available upon request

LINTEL BRACKETS

Reference Code	A	B	C	Thickness (mm)	Applicable Lintel Width	Metal Expansion anchor quality dia (mm)
MLB 100	100	100	100	4/5/6	100	3M 8 x 80
MLB 150	150	150	150	4/5/6	150	4M 8 x 80
MLB 200	200	200	200	4/5/6	200	4M 8 x 80
MLB 250	250	250	250	4/5/6	250	4M 8 x 80
MLB 300	300	300	300	4/5/6	300	4M 8 x 80





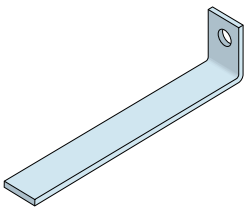
BLOCK TIES

Wall ties play a vital role in ensuring the stability of a building. Metex offers a wide selection of wall ties of numerous shapes and sizes made from pre-galvanized steel, galvanized steel, and stainless steel, manufactured in various lengths to suit different wall cavity widths

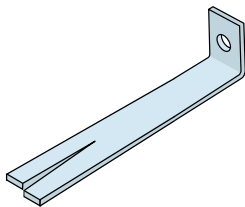
- FRAME CRAMPS
- MOVEMENT TIES
- CAVITY WALL TIES
- WIRE TIES
- HEAD RESTRAINTS
- ANCHOR PLATES
- CHANNELS

FRAME CRAMPS

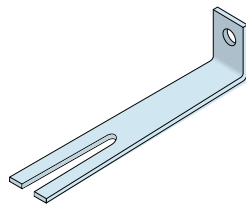
Metex Frame Cramps are designed to restrain the between masonry and vertical structures. Manufactured with minimum 6mm hole to suit a range of fixings. They can be fixed to a wide range of materials including concrete, steelwork, and masonry.



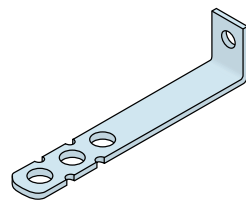
MWT
L-Plain Bolt/Screw



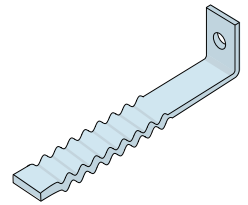
MLSS
L-Bolt/Screw on Split End



MLST
L-Slot Tie with U cut End



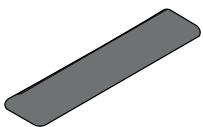
MLPS-S
L-perforated special Tie/Screw on



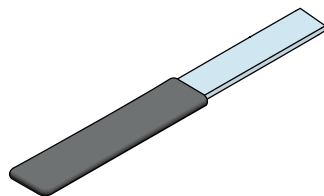
MCGWT
Corrugated Bolt Wall tie

MOVEMENT TIES

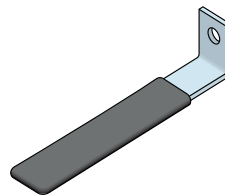
Movement ties are used in conjunction with a debonding sleeves. The tie is designed to restrain masonry against lateral wind loads while the sleeve allows the masonry to expand or contract.



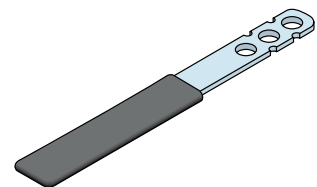
RS - 200
Debonded Sleeve



MWT-PRS
Plain Wall Tie with Debonded Sleeve



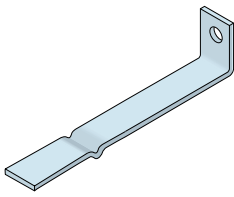
MWT-LPRS
L-Plain Wall Tie with Debonded Sleeve



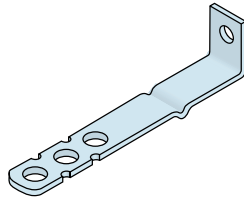
MWT-P
Perforated Tie With Debonded Sleeve

CAVITY WALL TIES

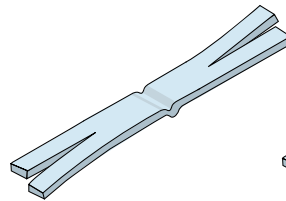
Cavity Wall ties are used to join two leaves of a cavity wall together, allowing the two parts to act as a homogeneous unit. They are made of metal that span the cavity and tie the internal and external walls of bricks or blockwork together. The ends of the tie are designed to lock tightly into the mortar. The ties are also designed to prevent water transfer from the outer to the inner leaf of the wall, this often takes the form of a twist in the tie or, if a wire tie, corrugations formed in the wire



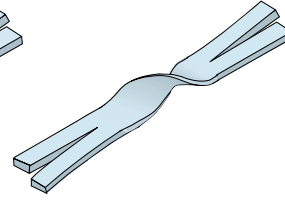
MCWT
Cavity Wall Tie Bolt /Screw On



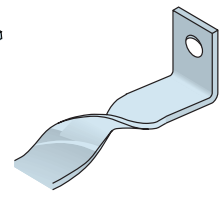
MLPS-SC
L-Perforated Bolt/Screw on Special Cavity Tie



MFCWT
Flat Two Side Split End Cavity Wall Tie



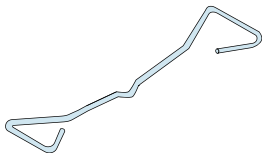
Two Sided Split Twist Tie



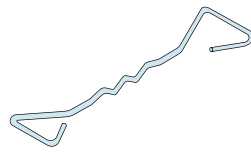
L Slot tie with Twist

Length (mm)	Width (mm)	Upstand (mm)	Thickness (mm)	Material	Qty/Box
100	20 - 50	25 - 75	1.50 - 4.00	Galvanised Steel /Stainless Steel	500
125	20 - 50	25 - 75	1.50 - 4.00	Galvanised Steel /Stainless Steel	500
150	20 - 50	25 - 75	1.50 - 4.00	Galvanised Steel /Stainless Steel	500
175	20 - 50	25 - 75	1.50 - 4.00	Galvanised Steel /Stainless Steel	500
200	20 - 50	25 - 75	1.50 - 4.00	Galvanised Steel /Stainless Steel	500
225	20 - 50	25 - 75	1.50 - 4.00	Galvanised Steel /Stainless Steel	500
250	20 - 50	25 - 75	1.50 - 4.00	Galvanised Steel /Stainless Steel	500
300	20 - 50	25 - 75	1.50 - 4.00	Galvanised Steel /Stainless Steel	500

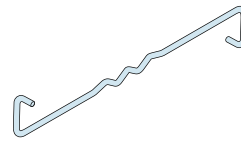
WIRE TIES



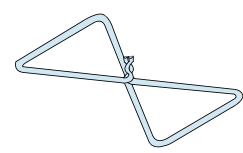
MDTW-SD
Double Triangle Wire Tie Single Drip



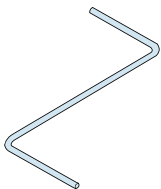
MDTW-DD
Double Triangle Wire Tie Single Drip



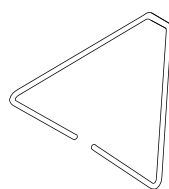
MZWT
Z Wire Tie



MWTB
Butterfly Wire Tie



MWTZ
Z Shape Wire Tie



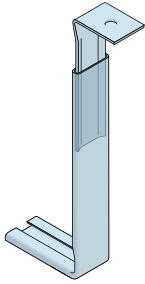
MWTBW
Triangular Wire Tie



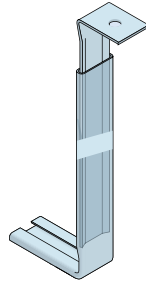
Reference Code	Length (mm)	Wire Dia (mm)	Material	Qty/Box
MDTW-SD	150 - 300	3/4/5	Galvanised Steel /Stainless Steel	100
MDTW-DD	150 - 300	3/4/5	Galvanised Steel /Stainless Steel	100
MZWT	150 - 300	3/4/5	Galvanised Steel /Stainless Steel	100
MWTB	150 - 300	3/4/5	Galvanised Steel /Stainless Steel	100
MWTZ	150 - 300	3/4/5	Galvanised Steel /Stainless Steel	100
MWTBW	150 - 300	3/4/5	Galvanised Steel /Stainless Steel	100

HEAD RESTRAINTS

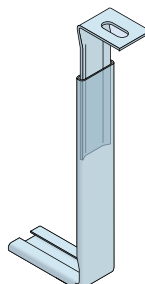
Head Restraint Ties are designed to connect the freestanding wall to the overhead structure. It provides simple support to the top of a masonry panel by transferring lateral load (usually wind or internal pressure load) from the masonry to the primary structure, whilst allowing some vertical deflection (movement) in the frame in relation to the top of the wall.



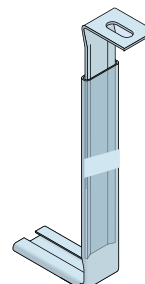
MVM1
Vertical Movement tie Bolt
Screw-On



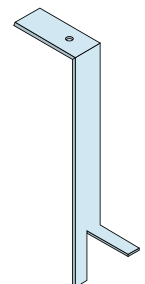
MVM2
Vertical Movement tie Bolt
Screw-On



MVHM-ST1
Vertical
Movement tie slot



MVHM-ST2
Vertical
Movement tie slot

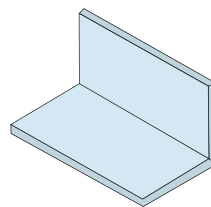


MWTCW
Ceiling Wall
Strap Tie

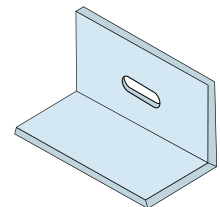
Reference Code	Length	Width	Thickness	Material	Qty/Box
MVM1	200	35	1.50	Galvanised /Stainless Steel	100
MVM2	200	35	1.50	Galvanised /Stainless Steel	100
MVHM-ST1	200	35	1.50	Galvanised /Stainless Steel	100
MVHM-ST2	200	35	1.50	Galvanised /Stainless Steel	100
MWTCW	150/200/250/300	25	1.50/2.0/2.50/3.0	Galvanised /Stainless Steel	100

ANCHOR PLATES

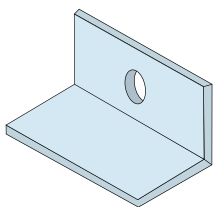
Anchor plate prevents horizontal movement of the masonry wall. They are used to attach structural members to concrete structure. Anchor plates and angles can be used to frame openings in concrete walls or as shelf angles.



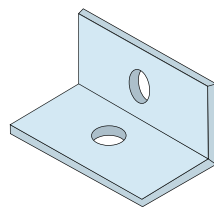
MAP
Plain Anchor Plate



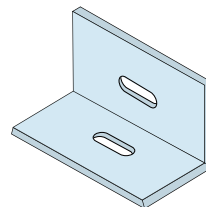
MAH-1
1 Side Slot Anchor
Horizontal



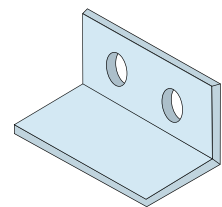
MAB-1
1 Side Anchor Bolt



MAB-2
2 Side Bolt



MAB-2
2 Side Slot Anchor
Horizontal



MADS
Double Anchor Bolt

CHANNELS

Channel system is designed to join and provide lateral support to the newly formed masonry with the existing vertical structure.



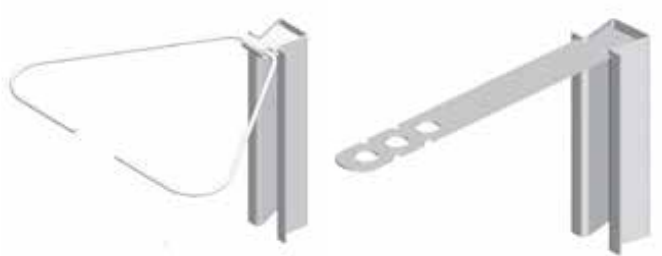
Omega Channel



C Channel

DOVE TAIL ANCHOR CHANNELS

Dove tail anchor channel is a self-anchoring channel used in conjunction with our range of channel ties to provide restraint to masonry panels. Channels are cast-in to the concrete during construction and after setting, the wire or strip tie is mated and embedded to the masonry which provides support to the structure. The dove tail anchor channel should be furnished with form filler inserts to protect channel from filling with concrete during installation.

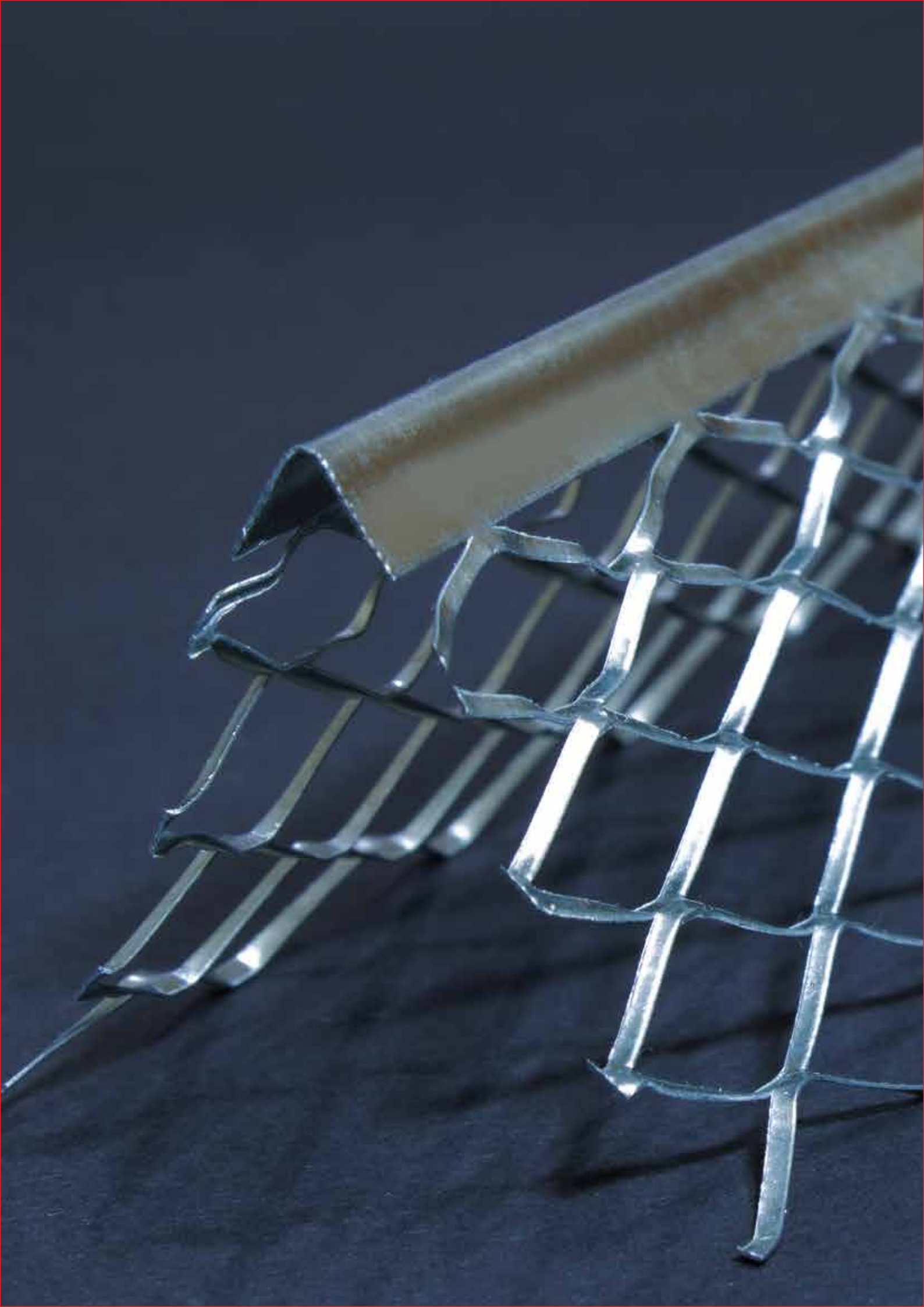


PARTITION TOP ANCHOR

Partition Top Anchors are designed to provide lateral shear resistance at the upper limit of masonry walls. They permit vertical deflection of the slab above, without transferring compressive loads to the masonry walls below. Metex Anchors are suitable for construction using steel or concrete. Tube with expansion filler is placed over rod anchor, which has been attached to concrete or steel by any of the methods illustrated. The vertical joint is then filled with mortar, fully surrounding the tube.



Reference Code	Plate Thk	ROD Dia	ROD Length	Qty/Box
MPTA2.5	2.5 mm	10mm	150 mm	50
MPTA4	4.0 mm	10mm	150mm	50





BEADS

ANGLE BEAD

MICRO ANGLE BEAD

PLASTER STOP BEAD

ARCHITRAVE BEAD

ARCHITRAVE BEAD DOUBLE SIDE MESH

MOVEMENT BEAD

CONTROL JOINT BEAD

RENDER STOP BEAD

GENERAL INFORMATION

INSTALLATION OF METEX PLASTER BEAD

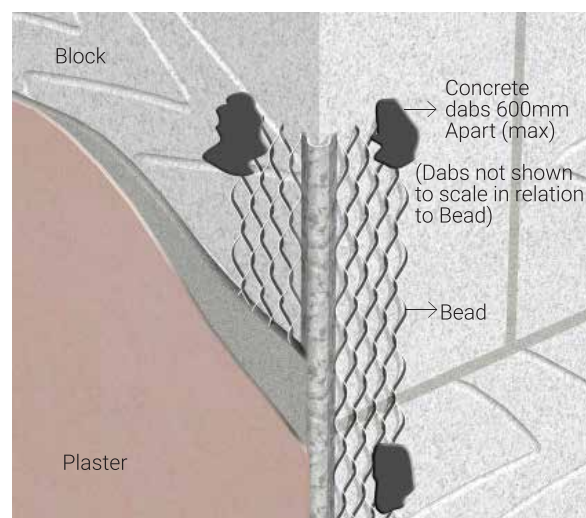
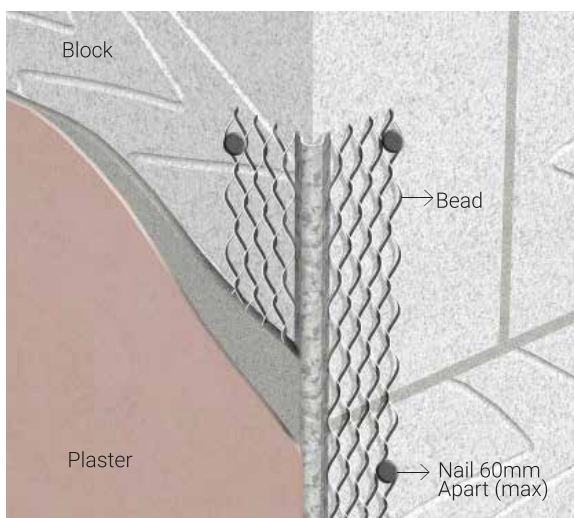
The most appropriate METEX bead should be chosen to suit the application required plaster depth and the desired finish of the work. The application and installation of METEX beads should be in accordance with BS 5492:1990 code of practice for internal plastering and BS 5262: 1991 Code of Practice for external renderings.

Plaster beads have become an indispensable part of plastering operations. Use of the appropriate beads greatly reduces the time in forming sharp corner joints, ends stops and other details. Moreover, they offer protection and reinforcement to vulnerable plaster edges.

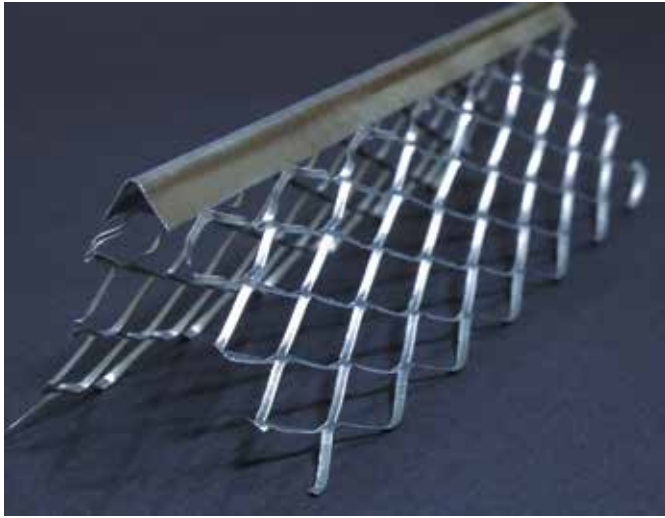
Beads may be trimmed to length using tin man's shears across the wings and a fine-toothed saw across bead noses. Use one of the following methods to fix METEX Angle Beads and Plaster Stop Beads.

- 1** Beads should be fixed using plaster or render dabs or a suitable mechanical fixing at a maximum of 600 mm centers.
- 2** Beads may be wire tied to the face of metal lathing backgrounds.
- 3** Use tin snips or shears to cut to size.
- 4** When joining angle, use a dowel inserted in the nose to ensure continuity and alignment.

- 5** Avoid damage to beads as they are specifically designed for cement-based renders and should not be used with gypsum-based plaster unless they are specified with an approved protective finish.
- 6** Epoxy /Plaster coated galvanized steel beads, with PVC nosing, are designed for external use only in sheltered or moderate environments.

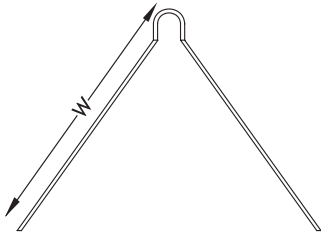


ANGLE BEAD



Galvanized Steel	Stainless Steel	Width of wing (mm)	Length (mm)	Qty/Box Pcs
ABG045	ABS045	45	3000	50
ABG050	ABS050	50	3000	50
ABG055	ABS055	55	3000	50
ABG060	ABS060	60	3000	50
ABG065	ABS065	65	3000	50
ABG070	ABS070	70	3000	50
ABG075	ABS075	75	3000	50
ABG100	ABS100	100	3000	50

* Special lengths available upon request



DESCRIPTION

Angle beads provide true and straight corners which are resistant to chipping and cracking giving strength and protection against everyday knocks

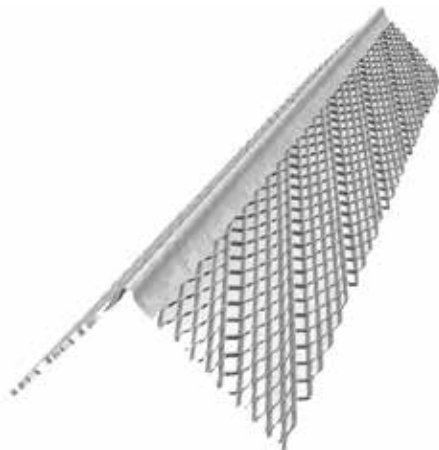
FIXING:

Fix by either nailing or using plaster dabs

MATERIAL:

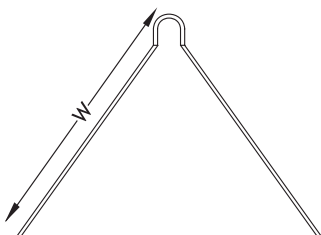
Galvanized Steel for internal use
Stainless Steel for external use.

MICRO ANGLE BEAD



Galvanized Steel	Stainless Steel	Width of wing (mm)	Length (mm)	Qty/Box Pcs
ABG- MICRO25	ABS-MICRO25	25	3000	50

* Special lengths available upon request



DESCRIPTION

Micro angle beads are specially designed for single coat plaster and used at corners for excellent adhesion and good reinforcement

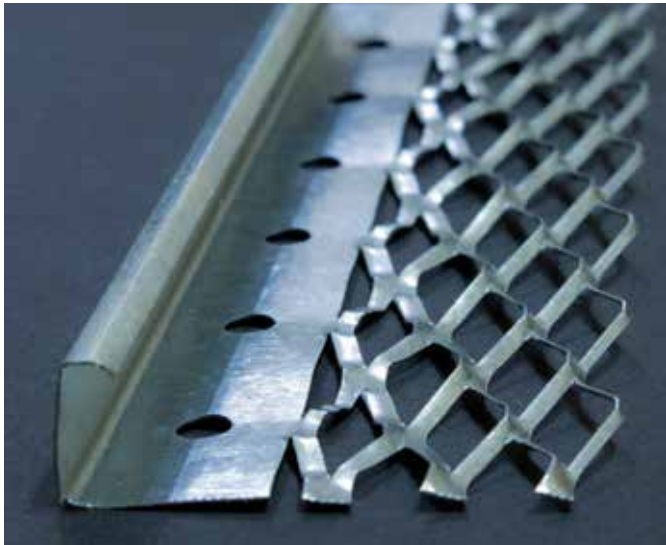
FIXING:

Fix by either nailing or using plaster dabs

MATERIAL:

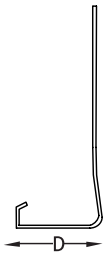
Galvanized Steel for internal use
Stainless Steel for external use.

PLASTER STOP BEAD



Galvanized Steel	Stainless Steel	Plaster Depth (mm)	Length (mm)	Qty/Box Pcs
SBG010	SBS010	10	3000	50
SBG013	SBS013	13	3000	50
SBG016	SBS016	16	3000	50
SBG019	SBS019	19	3000	50

** Special lengths available upon request*



DESCRIPTION

Plaster stop beads provide clean, neat edges at openings or abutments onto other wall surface or ceiling finishes. They are available to suit various plaster depths.

FIXING:

Fix by either nailing or using plaster dabs

MATERIAL:

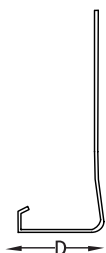
Galvanized Steel for internal use
Stainless Steel for external use.

MICRO PLASTER STOP BEADS



Galvanized Steel	Stainless Steel	Plaster Depth (mm)	Length (mm)	Qty/Box Pcs
SBG MICRO	SBS MICRO	6	3000	50

** Special lengths available upon request*



DESCRIPTION

Plaster stop beads provide clean, neat edges at openings or abutments onto other wall surface or ceiling finishes. They are available to suit various plaster depths.

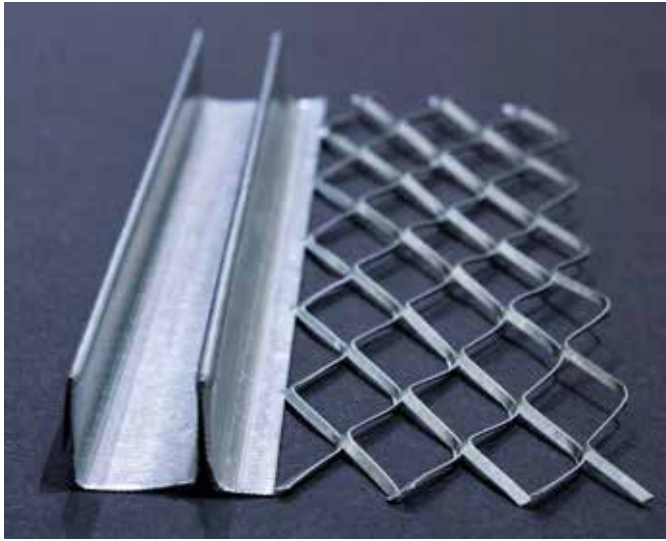
FIXING:

Fix by either nailing or using plaster dabs

MATERIAL:

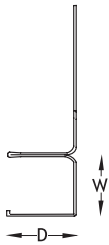
Galvanized Steel for internal use
Stainless Steel for external use.

ARCHITRAVE BEAD



Galvanized Steel	Stainless Steel	Width (mm)	Plaster Depth (mm)	Length (mm)	Qty/Box Pcs
ARCH-GI-10	ARCH-SS-10	10	10/13	3000	50
ARCH-GI-13	ARCH-SS-13	13	10/13	3000	40
ARCH-GI-15	ARCH-SS-15	15	10/13	3000	40
ARCH-GI-20	ARCH-SS-20	20	10/13	3000	40
ARCH-GI-25	ARCH-SS-25	25	10/13	3000	40

** Special lengths available upon request*



DESCRIPTION

Architrave beads are mainly used for aesthetic purposes to give a shadow line decorative effect and clean division between varying wall finishes.

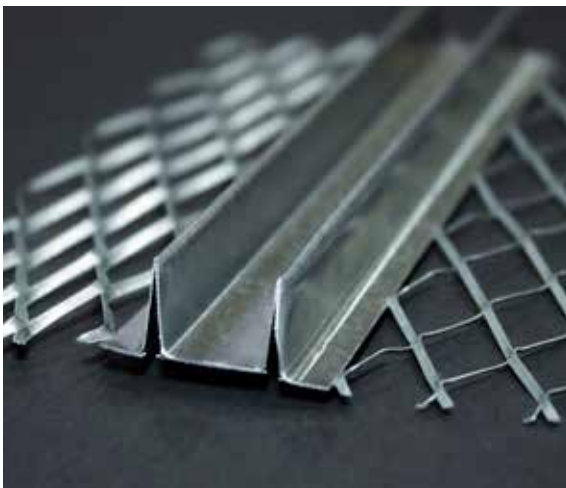
FIXING:

Fix by either nailing or using plaster dabs

MATERIAL:

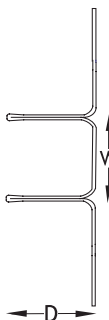
Galvanized Steel for internal use
Stainless Steel for external use.

ARCHITRAVE BEAD DOUBLE SIDE MESH



Galvanized Steel	Stainless Steel	Width (mm)	Plaster Depth (mm)	Length (mm)	Qty/Box Pcs
ARCH-GI-10 DOUBLE	ARCH-SS-10 DOUBLE	10	10/13	3000	50
ARCH-GI-13 DOUBLE	ARCH-SS-13 DOUBLE	13	10/13	3000	40
ARCH-GI-15 DOUBLE	ARCH-SS-15 DOUBLE	15	10/13	3000	40
ARCH-GI-20 DOUBLE	ARCH-SS-20 DOUBLE	20	10/13	3000	40
ARCH-GI-25 DOUBLE	ARCH-SS-25 DOUBLE	25	10/13	3000	40

** Special lengths available upon request*



DESCRIPTION

Architrave Bead Double Sided Mesh gives a shadow line decorative effect for aesthetic purposes and creates division between varying wall finishes.

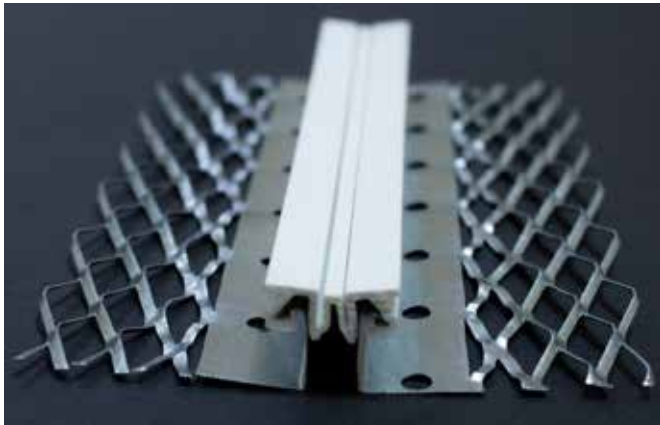
FIXING:

Fix by either nailing or using plaster dabs

MATERIAL:

Galvanized Steel for internal use
Stainless Steel for external use.

MOVEMENT BEAD



Galvanized Steel	Stainless Steel	Plaster Depth (mm)	Length (mm)	Qty/Box Pcs
MMV-GI-10	MMV-SS-10	10	3000	10
MMV-GI-13	MMV-SS-13	13	3000	10
MMV-GI-16	MMV-SS-16	16	3000	10
MMV-GI-19	MMV-SS-19	19	3000	10

* Special lengths available upon request



DESCRIPTION

Movement bead allows movement between adjoining surface finishes resulting from differential expansion or settlement. It is used to relieve the stress and strain in large plaster areas of wall and ceiling stucco areas.

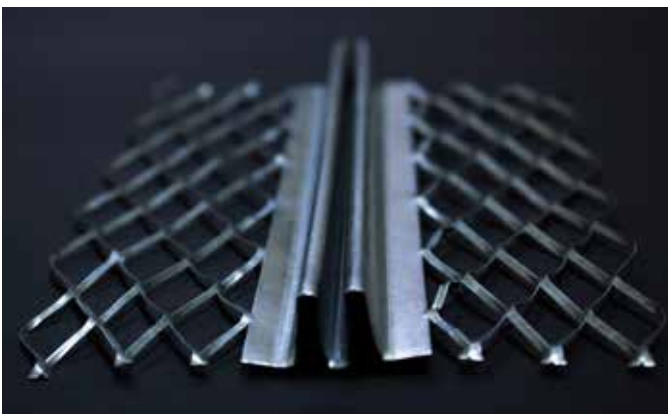
FIXING:

Fix by either nailing or using plaster dabs

MATERIAL:

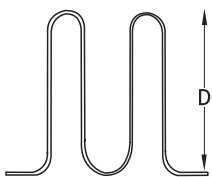
Galvanized Steel for internal use
Stainless Steel for external use.

CONTROL JOINT BEAD



Galvanized Steel	Stainless Steel	Plaster Depth (mm)	Length (mm)	Qty/Box Pcs
MCJ GI 13	MCJ SS 13	13	3000	30
MCJ GI 21	MCJ SS 21	21	3000	30

* Special lengths available upon request



DESCRIPTION

Control Joints are designed to relieve stress and minimize cracking. Control joints provide excellent expansion control for both walls and ceiling and offers positive locking of the stucco to the edge of the point

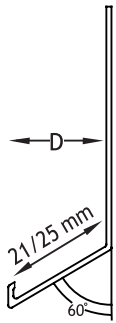
FIXING:

Fix by either nailing or using plaster dabs

MATERIAL:

Galvanized Steel for internal use
Stainless Steel for external use.

RENDER STOP BEADS



DESCRIPTION

Render stop beads are used to obtain a neat lower edge to external finishes and help to protect masonry against run-off water

FIXING:

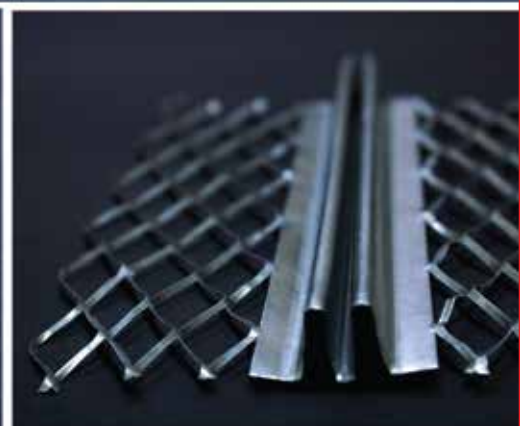
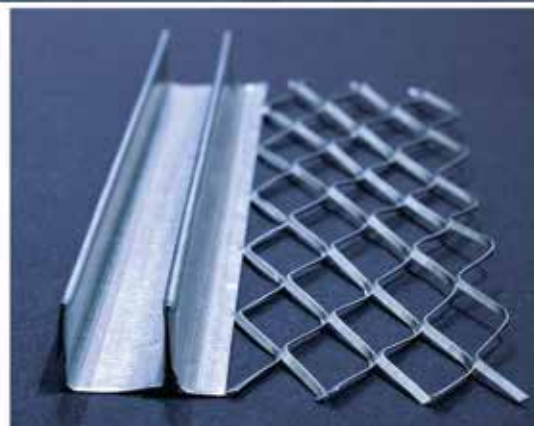
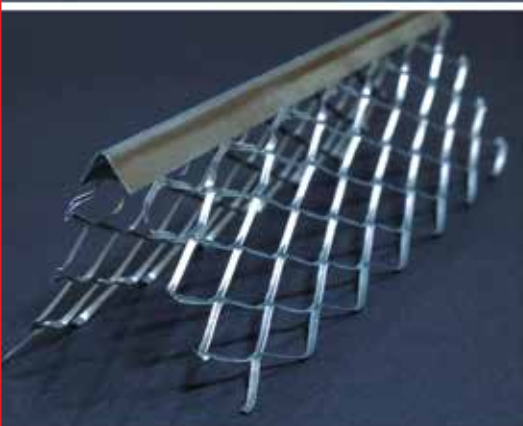
Fix by either nailing or using plaster dabs

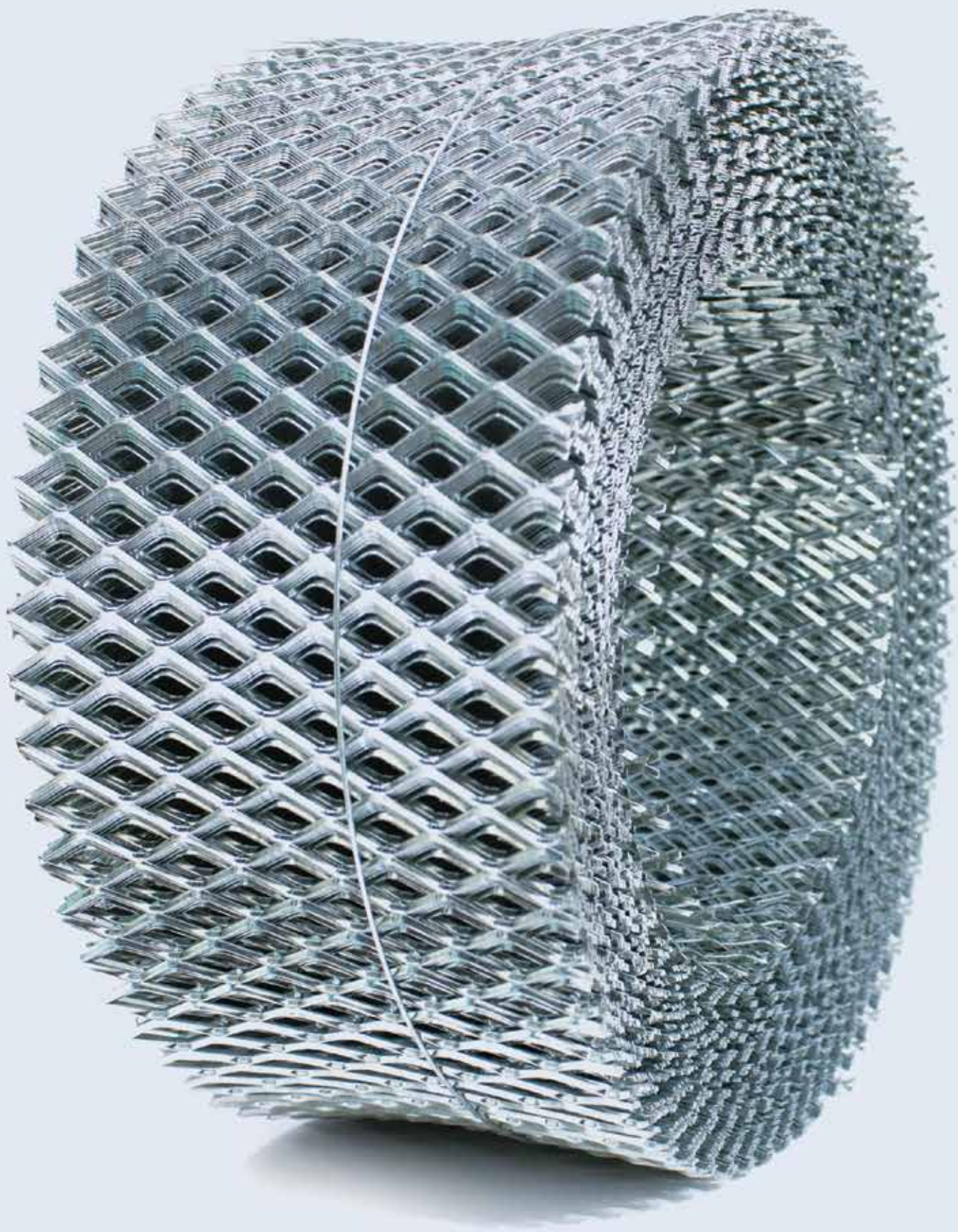
MATERIAL:

Galvanized Steel for internal use
Stainless Steel for external use.

Galvanized Steel	Stainless Steel	Plaster Depth (mm)	Length (mm)	Qty/Box Pcs
RS GI 16	RS SS 16	16	3000	30
RS GI 19	RS SS 19	19	3000	30

** Special lengths available upon request*

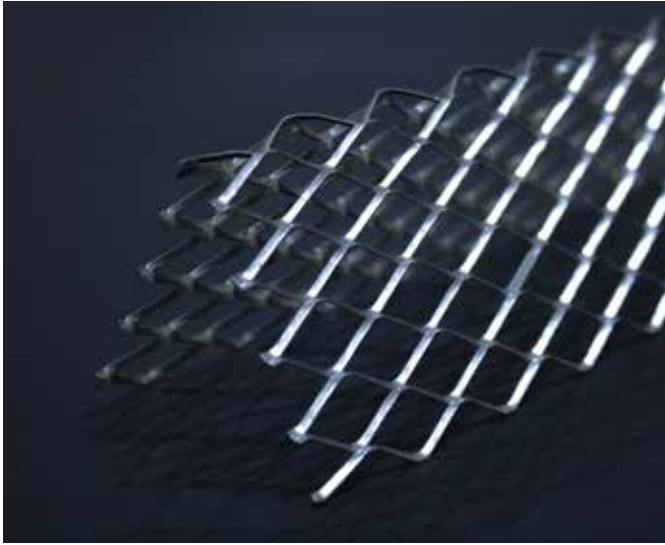




PLASTER MESH

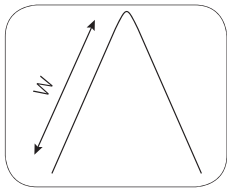
*CORNER MESH /LATH
SHEET LATH
STRIP MESH
COIL LATH*

CORNER LATH



Galvanized Steel	Stainless Steel	Mesh Wing Size (mm)	Length (mm)	Qty/Box Pcs
CMG050	CMS050	50 mm	2440	50/box
CMG075	CMS075	75 mm	2440	50/box
CMG100	CMS100	100 mm	2440	50/box

**Special width of wings, lengths and weights available upon request*



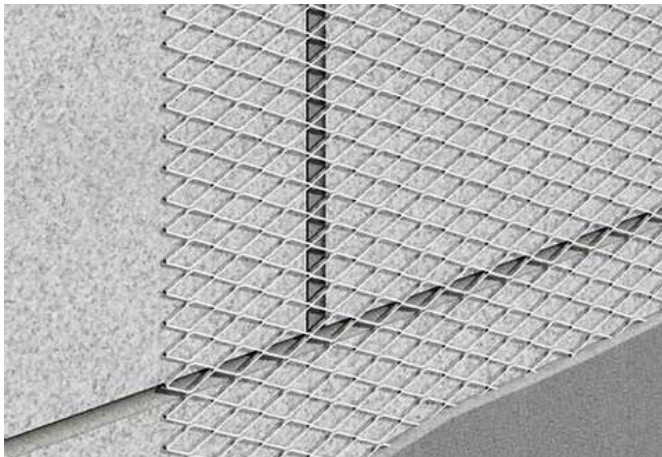
DESCRIPTION:

Corner lath is used in corners where walls meet walls or ceilings. This reinforcing of interior corners help prevent cracks

MATERIAL:

Galvanized Steel for internal use
Stainless Steel for external use.

SHEET LATH



Galvanized Steel	Stainless Steel	Sheet Size Length x Width (mm)	Weight Kg/m ²
MLS060-L	SLS060-L	2440 x 600	0.70
MLS060-S	SLS060-S	2440 x 600	0.90
MLS060-M	SLS060-M	2440 x 600	1.11
MLS060-H	SLS060-H	2440 x 600	1.63
MLS060-EH	SLS060-EH	2440 x 600	1.91

**Special width of wings, lengths and weights available upon request*

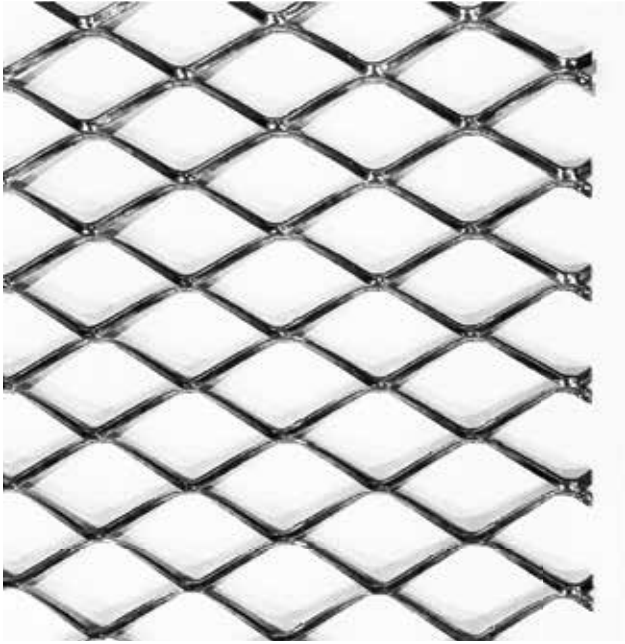
DESCRIPTION:

Sheet Lath is mainly used as a key for internal and external plaster when applied on suspended ceilings and walls. It is suitable for encasing steel columns and beams, assisting in the protection from fire

MATERIAL:

Galvanized Steel for internal walls . Stainless Steel for external walls and walls with more moisture contacts. Stainless Steel Grade 316/316L is advisable in marine environment

STRIP LATH



DESCRIPTION:

Expanded strip mesh provides reinforcement to the plaster to prevent crack over joints of different materials, electrical & mechanical conduits, doors and window lintels

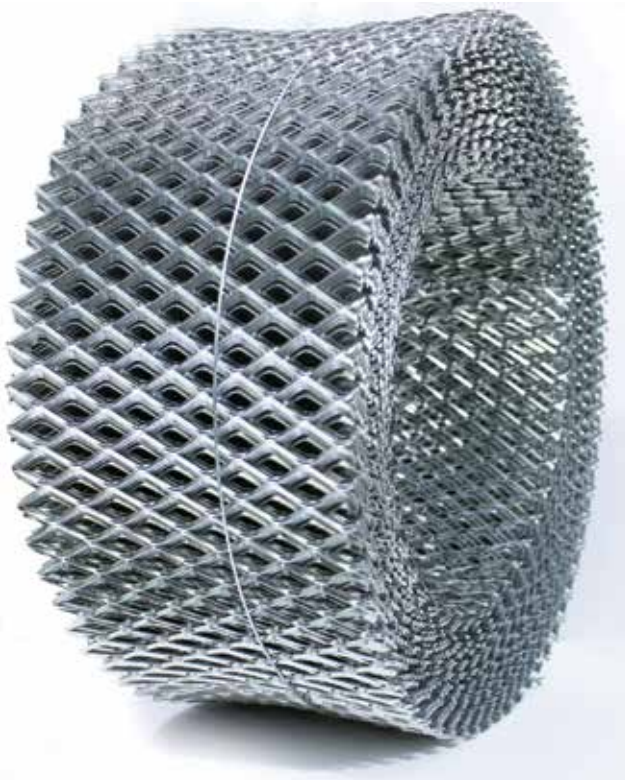
Galvanized Steel	Stainless Steel	Width (mm)	Length (mm)	Weight Kg/m ²
SLG100-L	SLS100-L	100	2440	0.70
SLG100-S	SLS100-S	100	2440	0.90
SLG100-M	SLS100-M	100	2440	1.10
SLG100-H	SLS100-H	100	2440	1.63
SLG100-EH	SLS100-EH	100	2440	1.91
SLG150-L	SLS150-L	150	2440	0.60
SLG150-S	SLS150-S	150	2440	0.70
SLG150-M	SLS150-M	150	2440	1.10
SLG150-H	SLS150-H	150	2440	1.63
SLG150-EH	SLS150-EH	150	2440	1.91
SLG200-L	SLS200-L	200	2440	0.70
SLG200-S	SLS200-S	200	2440	0.90
SLG200-M	SLS200-M	200	2440	1.10
SLG200-H	SLS200-H	200	2440	1.63
SLG200-EH	SLS200-EH	200	2440	1.91

**Special widths up to 500mm and special lengths and weights available upon request*

MATERIAL:

Galvanized Steel for internal walls . Stainless Steel for external walls and walls with more moisture contacts. Stainless Steel Grade 316/316L is advisable in marine environment

COIL LATH



DESCRIPTION:

Coil Lath is extensively used as plastering base to reinforce against cracks between joints of dissimilar materials

Galvanized Steel	Stainless Steel	Width (mm)	Length (m)	Weight Kg/m ²
MLC100-L	MLC100S-L	100	50/100	0.70
MLC100-S	MLC100S-S	100	50/100	0.90
MLC100-M	MLC100S-M	100	50/100	1.11
MLC100-H	MLC100S-H	100	50/100	1.63
MLC100-EH	MLC100S-EH	100	50/100	1.91
MLC150-L	MLC150S-L	150	50/100	0.70
MLC150-S	MLC150S-S	150	50/100	0.90
MLC150-M	MLC150S-M	150	50/100	1.11
MLC150-H	MLC150S-H	150	50/100	1.63
MLC150-EH	MLC150S-EH	150	50/100	1.91
MLC200-L	MLC200S-L	200	50/100	0.70
MLC200-S	MLC200S-S	200	50/100	0.90
MLC200-M	MLC200S-M	200	50/100	1.11
MLC200-H	MLC200S-H	200	50/100	1.63
MLC200-EH	MLC200S-EH	200	50/100	1.91

**Special widths up to 500mm and special lengths and weights available upon request*

MATERIAL:

Galvanized Steel for internal walls . Stainless Steel for external walls and walls with more moisture contacts. Stainless Steel Grade 316/316L is advisable in marine environment

RIB LATH

RIB LATH
HY RIB LATH

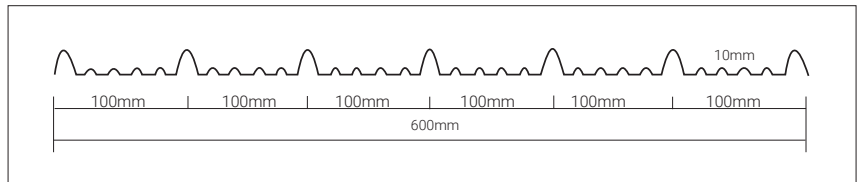
RIB LATH

Rib Lath is a versatile metal lath stiffened by the longitudinal ribs. The furring design of the mesh provides efficient plastering background for the construction of partition, suspended ceiling and refurbishment works.



Rib Lath Features:

- Easy to cut and form to ornamental plaster work.
- Provides ample keying for scratch coat.
- Commonly used for plaster machine application.
- Gives a uniform coat depth for large area.



Galvanized Steel	Stainless Steel	Weight Kg/M ²	Rib Depth (mm)	GTH (mm)
MRBL1.4	MRBLS1.4	1.48	10	600/2500
MRBL1.8	MRBLS1.8	1.84	10	600/2500
MRBL2.2	MRBLS2.2	2.22	10	600/2500



Installation

Rib lath should be fixed with apexes of ribs against the wall, edge ribs of sheet nesting into each other should be wire-tied every 150mm and ends fixing should be used at sufficient intervals to hold the lath firmly in position.

Fixing of Rib lath sheets

Rib lath is fixed so that the tip of the rib is placed against the supporting background. The rib of the sheet should run at right angles to any supports. Ensure that sheets are overlapped by a minimum of 50mm end to end and by 25mm width ways and that the ribs are nestled together.

Timber Support

Rib lath is fixed at each rib to timber supports using Plaster nails or staples. Ensure that compatible corrosion resistant fixings are used, i.e. Do not use galvanized fixings for stainless steel.

Metal support

Rib lath is fixed at each rib to metal support using 1.63mm



galvanized or stainless steel tying wire. When joining Rib lath sheets overlap the edge ribs and tie the edges with 1.22mm tying wire at 150mm centers.

Solid Background

Rib lath can be fixed to a solid background using a suitable fixing which holds the ribs firmly against the background. Where sheets are installed vertically, fixings should be positioned through all ribs at 600mm centers to ensure adequate stability

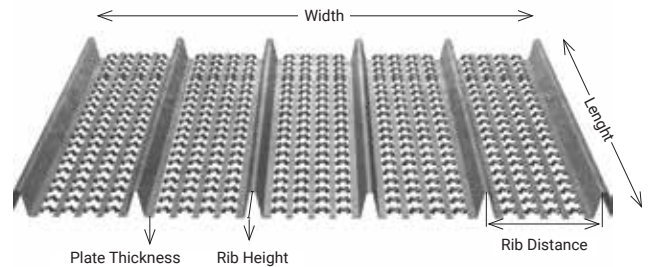
HY RIB LATH

METEX Hy-Rib lath is an expanded metal sheet product specifically developed for use as permanent formwork to concrete. Hy-Rib is heavier and stronger than Rib-Lath and is widely used as a combined shuttering and reinforcement for concrete, eliminating the need for close boarded shuttering.

Hy Rib Lath has excellent engineering quality, construction security and widely used in tunnels bridges, valve basement systems, sewage systems, subways, retaining walls, nuclear power plants, shipyards, water pools and marine engineering works and high rise building projects and non-regular or bending pattern as concrete permanent assembly-free form work.

Reference Code	Weight Kg/m ²	Rip Depth (D) mm	Width	Length	Material
MHB 339	3.39	21	445	2500	Galvanized
MHB 486	4.86	21	445	2500	Galvanized
MHB 686	6.86	21	445	2500	Galvanized

**Special lengths are available upon request*

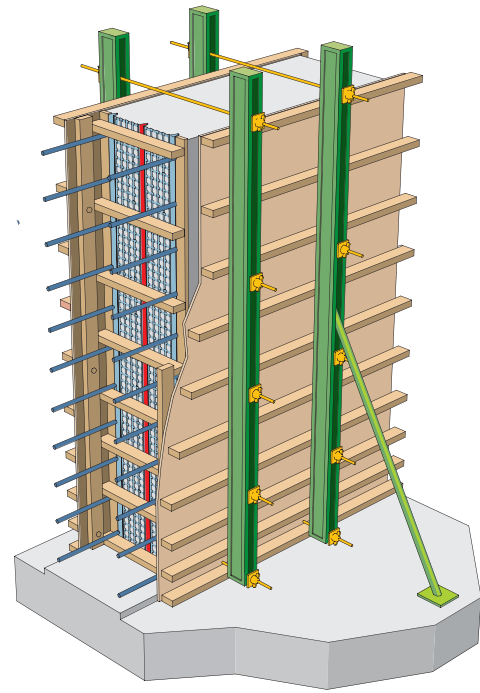


Installation

Lath should be fixed with apexes of ribs against the wall, edge ribs of sheets nesting into each other should be wire-tied every 15cm and ends of sheets should be lapped not less than 2.5m and nesting ribs securely tied together.

Advantage of using Hy Rib Lath

- High Stability
- Highly economical with great spans
- Improves site productivity and minimizes wastage
- Reduces the risk of trapped air and voids within the concrete
- Perfect bonding of the concreting sections without any further treatment of the expansion joint
- Minimizing of hollow spaces and visual supervision of the process possible

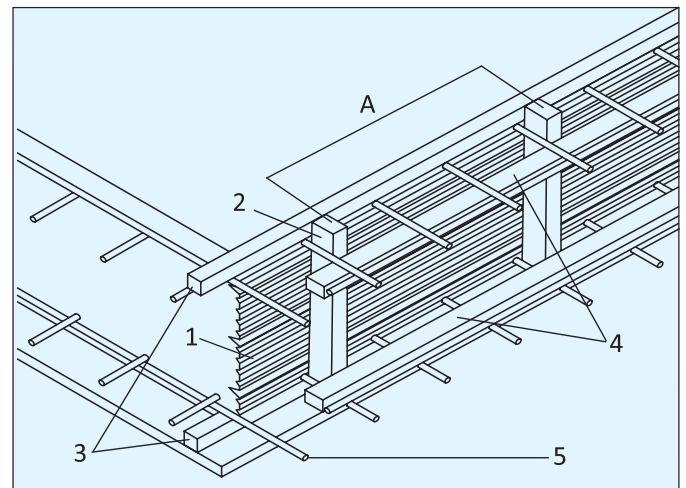


HY Rib Processing Placing:

Hy Rib (1) is nailed to angular or profiled stiffening wood beams (2). Ribs should not be damaged or deformed during fixing. The closed ribs points towards the first concreting section since the ribs are exposed to the greater pressure. The ribs are placed cross to the stiffening wood beams.

Hy Rib requires the same concrete covering as reinforcing steel. In order to maintain the prescribed concrete covering timber rails (3) are nailed to the upper and lower sides of the construction unit as range spacers and to the stiffening woods beams.

The stiffening wood beams (2) are nailed to the sheathing and held by wooden ledges (4), which are propped against the existing reinforcement.

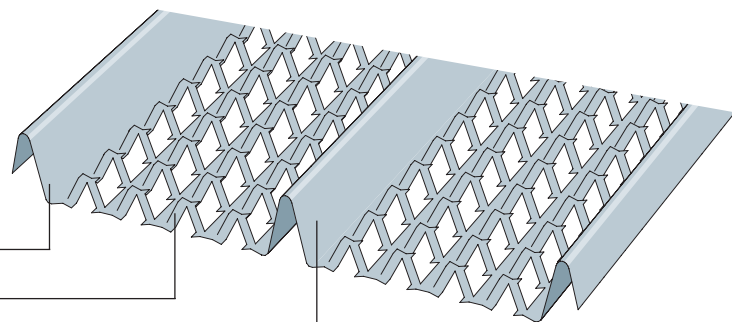


HY RIB Definitions

Edge Rib _____

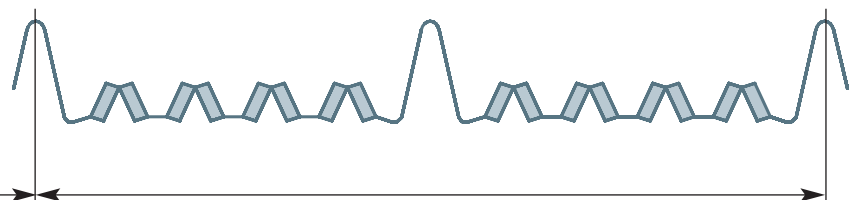
Tangs _____

Inner Rib _____

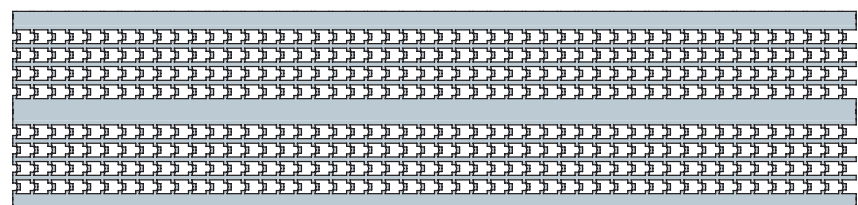


Measuring Points

Sheet width based on edge rib to edge rib centres _____



Sheet length _____



FIBER GLASS MESH FOR PLASTERING

The Fiber glass alkaline- resistance mesh is based on C- glass woven fabric, and then coated by acrylic acid copolymer liquid, possesses the properties of good alkaline resistance, high strength, good cohesion, excellent in coating etc. It is widely used in wall reinforcement outside wall heat insulation & roof waterproofing. It can also reinforce cement, plastic, bitumen, plaster, marble, mosaic etc. It is an ideal engineering material in construction. Fiberglass alkaline resistance mesh fabric as the basis structure in the heat insulation system. It can prevent cracks because of the good chemical – corrosion resistance and high strength of warp and weft, it can spread stress equally on different directions to avoid transfigure in the heat- insulation system if it is submitted in a large strength; It is also easy to be applied. It is really the soft steel in the outside wall heat preservation system. Fiberglass mesh can be reinforcing and protect stones because of its high strength and balance structure. It can spread the stress equally. In addition, it is easy to be stuck in the back of marble, mosaic and stone. It is an ideal reinforcement for all stone processing factories.



Technical Specification

Mesh Size	: 5x5 mm ± 0.5 mm
Weave Construction	: Warp : 5*2 per inch Weft : 4.5 per inch
Warp Yarn	: 134 Tex glass yarn
Weft Yarn	: 400 Tex glass roving
Weave Type	: Leno
Thickness	: 0.38 ± 0.02 mm
Coating	: Alkali Resistant (Tensile Strength retention more than 50%)
Finish	: Medium Hard
Total gsm	: 160 ± 5% gsm
Width	: 1000 mm
Feather Edge	: Slit Edge
Length	: 50 M Roll
Tensile Strength	: Warp 2400 N/5 CM with Elongation- 4.0% Warp 2000 N/5 CM with Elongation- 4.0%

Mesh Size	: 8x8 mm ± 0.5 mm
Weave Construction	: Warp : 5*2 per inch Weft : 4.5 per inch
Warp Yarn	: 134 Tex glass yarn
Weft Yarn	: 400 Tex glass roving
Weave Type	: Leno
Thickness	: 0.38 ± 0.02 mm
Coating	: Alkali Resistant (Tensile Strength retention more than 50%)
Finish	: Medium Hard
Total gsm	: 80 ± 5% gsm
Width	: 1000 mm
Feather Edge	: Slit Edge
Length	: 50 M Roll
Tensile Strength	: Warp 1100 N/5 CM with Elongation- 3.8% Warp 900 N/5 CM with Elongation- 3.8%

Advantage of using Fiber Mesh

- Great chemical and mechanical stability.
- Fire and alkalinity resistance.
- Rust free, they do not degrade over time, and they are unalterable and tear proof.
- High tensile strength, absorbs the expansion caused by extreme temperature changes and the settlement on different parameters, thus preventing cracks in the covering plaster layer.
- Easy to install since they are lightweight, quick, and economical.
- Due to their flexibility, they can adapt to any surface



Functions of Fiber Mesh

Reinforcement

The fiberglass mesh reinforces cracks, fissures, and the assembly of plaster.

Resistance

Increases the resistance to impact.

Increases

RENDERING MESH increases the integrity of plasters and their finish.

Prevents cracks and fissures

The fiberglass mesh provides solutions to prevent cracks and fissures in the civil works and construction sector.

Installation

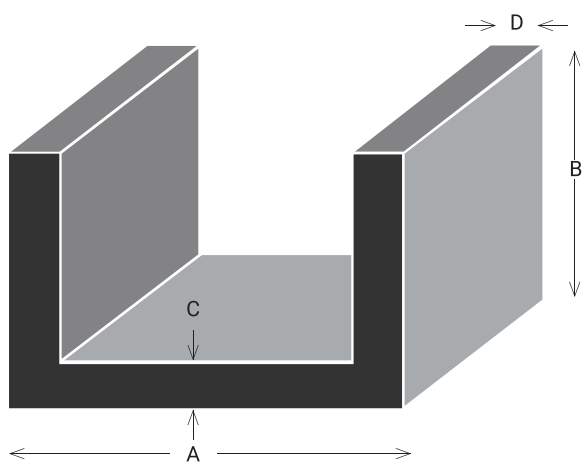
1. Fiber glass mesh is installed after fixing of thermal insulation material to the base surface.
2. A rough coat of plaster is applied to the insulation material. Works are carried out on small areas, as the mixture tends to harden quickly.
3. The fiber mesh is cut according to required size and put to the non-congealed solution. Next, take a wide spatula, smooth out mesh and press it a bit into the freshly applied plaster.
4. Wait till the surface with the mesh dries well.
5. During installation of fiber glass mesh, it is necessary to ensure that each strip finds a previous strip with an overlap of 15-20 cm. Otherwise, cracks may appear during operation.
6. When spackling is completed, one can start applying the finishing layer.

ALUMINUM CHANNEL

METEX Aluminium U-Channel is an extruded product with sharp ninety degree inside and outside corners making this shape ideal for trim applications. The product is widely used for all types of fabrication projects where lightweight and corrosion resistance is a primary concern

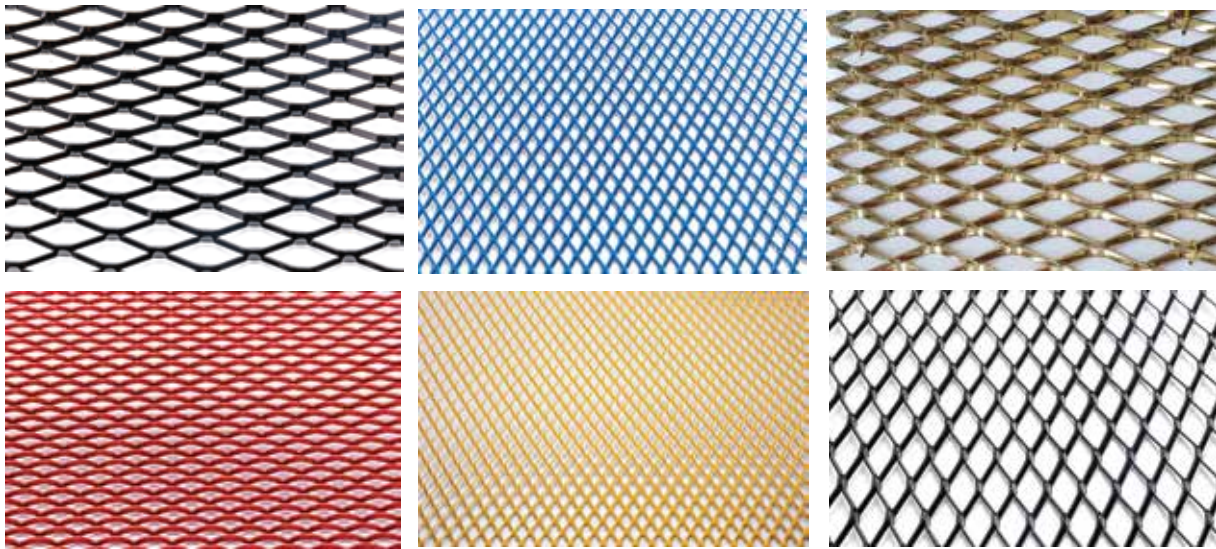
SPECIFICATION;

Metex Aluminum U-Channel (ALLOY 6063.T6) follows BS : 1474 for extrusion dimension tolerances with anodising finish produced under BS EN 12373-1 2001 Clause 7 (BS : 6161 Part 6) BS : 3987 Clauses 2, 3, 5, 6 having a powder coating in reference to BS : 6496 Clause 10.4, 10.5, 10.6, 10.7 & 10.8.



Height (mm)	Width (mm)	Length (M)	Thickness (mm)
10	10	6	1.50 - 2.0mm
15	15	6	1.50 - 2.0mm
20	20	6	1.50 - 2.0mm
20	30	6	1.50 - 2.0mm
25	25	6	1.50 - 2.0mm
20	45	6	1.50 - 2.0mm

Decorative Expanded Metal Mesh



Mesh Opening:

Sizes	Mesh Opening
8mm x 16mm	62.5 %
20mm x 40mm	80 %
38mm x 16mm	75 %

Material type:

- GALVANIZED STEEL • STAINLESS STEEL • ALUMINUM

Standard Size:

1220 mm x 2440 mm

*Other sizes are available upon request.

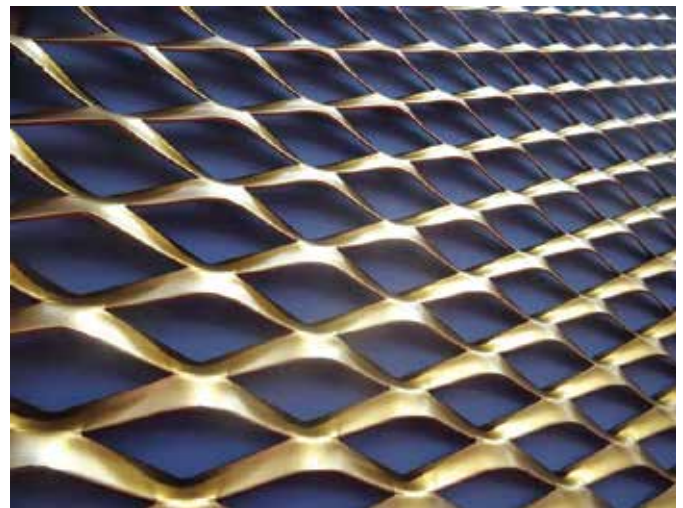
Thickness:

Galvanized Steel	Stainless Steel	Aluminum Steel
0.5 mm to 2 mm	0.5 mm to 1 mm	0.5 mm to 4 mm

WALL AND CEILING MESH

Diamond Metal Lath is used for walls and ceilings to resist cracking and give key to Plastering when insulation materials are used.

Metex Diamond Lath meshes are manufactures from lock forming quality galvanized steel conforming to BS EN 13658-1 & 2:2005(formerly BS 1369:Part 1:1987) with quality Zinc coating Z1449 Part 2 1983 grade 304 S15 (ASTM Grade 304/S15).



Type	Thickness (mm)	Weight Kg/m ² (lb/yd ²)	Mesh Size (mm)	Sheet Size M	Qty/Box Pcs
Economy Type	0.500	0.50(0.92)	SWD-10	2.5x0.7	255
Wall Type A	0.500	1.00 (1.84)			275
Wall Type B	0.500	1.22 (2.25)	LWD-20		300
Ceiling Type	0.675	1.62 (3.00)		300	

TECHNICAL SPECIFICATIONS

PLASTER BEADS

Material	Standard
Manufacturing	BS EN 13658-1 & 2:2005 (formerly BS 6452: Part 1:1984) ASTM C 1047
Pre-Galvanized steel complying with	BS EN 10346:2009(formerly BS EN 10142:1991) coating Type: Z180-275 ASTM A 653/ A 653M
Stainless Steel complying with:	BS EN 10088:2-2005(formerly BS 1449: Part 2:1983) in Grade 304, 316, 316L ASTM A240/A240M in Grade 304,316 and 316L

EXPANDED METAL MESH

Material	Standard
Manufacturing	BS EN 13658-1 & 2:2005 (formerly BS 6452: Part 1:1984) ASTM C 1047
Pre-Galvanized steel complying with	BS EN 10346:2009(formerly BS EN10142:1991) coating Type: Z180-275 ASTM A 653/ A 653M
Stainless Steel complying with:	BS EN 10088:2-2005(formerly BS 1449: Part 2:1983) in Grade 304, 316, 316L ASTM A240/A240M in Grade 304,316 and 316L

WALL TIES (SHEET PRODUCTION)

Material	Standard
Manufacturing	BS EN 845-1:2003(formerly BS 1243)
Pre-Galvanized steel complying with	BS EN 10346:2009(formerly BS EN 10142:1991) ASTM A 653/ A 653M
Mild Steel complying with	BS EN 10149-3:1996 BS EN ISO 1461:1999 (formerly BS 729)
Hot dip Galvanizing	ASTM A 123/A123M, ASTM A153/A153M
Stainless Steel complying with	BS EN 10088:2-2005(formerly BS 1449: Part 2:1983) in Grade 304, 316, 316L, 2B finish ASTM A240/A240M in Grade 304,316 and 316L

WALL TIES (WIRE PRODUCTION)

Material	Standard
Manufacturing	BS EN 845-1:2003(formerly BS 1243)
Cold Drawn steel for Reinforcement	BS 4482:2005 ASTM A 496/A 496M, ASTM A 82/A 82M
Hot dip Galvanizing (After Fabrication)	BS EN ISO 1461:1999(formerly BS 729) ASTM A 123/A 123M, A 153/A 153M
Pre-Galvanized wire	BS EN 10244-2:2001(formerly BS 443) ASTM A 641/ A 641M
Stainless Steel wire	BS EN 10088:2-2005(formerly BS 1449: Part 2:1983) in Grade 304, 316, 316L, 2B finish ASTM A240/A240M in Grade 304,316 and 316L

TECHNICAL SPECIFICATIONS

BLOCK REINFORCEMENT MESH (LADDER/TRUSS TYPE)

Manufacturing	BS EN 845-1:2003 ASTM A 951/A 951M
Cold Drawn steel for Reinforcement	BS 4482:2005 ASTM A1064/A1064M (formerly ASTM A496 & ASTM A185) ASTM A82/A82M
Hot dip Galvanizing (After Fabrication)	BS EN ISO 1461:1999(formerly BS 729) ASTM A 123/A 123M, A 153/A 153M
Pre-Galvanized wire	BS EN 10244-2:2001(formerly BS 443) ASTM A 641/ A 641M
Stainless Steel wire	BS EN 10088-3:2005(formerly BS 1554:1990) Grade 304, 316, 316L ASTM A 580/A580M ASTM A 1022/A1022M, Grade 304, 316, 316L

LINTELS

Manufactured to	BS EN 845-2:2003, BS 5977: Part 1:1981
Galvanized Steel	BS EN 10346:2009 (formerly BS EN 10142:1991) Coating type Z180-Z275 ASTM A653/A653M (formerly ASTM A525)



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METEX

A LIFE TIME REINFORCEMENT





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