

The image features a stylized background with a blue and white color scheme. At the top, the letters 'TMI' are written in a large, blue, italicized serif font. Below the logo, there are abstract, curved shapes in shades of blue and white, suggesting a modern architectural or industrial design. In the lower right, there is a detailed illustration of a metal pipe with a mesh structure attached to it. The mesh consists of a grid of rectangular openings, with some sections appearing to be made of a different material or having a different texture. The overall composition is clean and professional, emphasizing the company's focus on metal products.

TMI

EXPANDED MESH & METAL PRODUCTS

TMI

TMI

Technical Metal Industrial Co. L.L.C.

Tel: +971 (2) 5502025
Fax: +971 (2) 5502024
P.O. Box: 41558
Abu Dhabi

Tel: +971 (3) 7224768
Fax: +971 (3) 7224769
P.O. Box: 99155
Al Ain

Tel: +971 (4) 8858036
Fax: +971 (4) 8858658
P.O. Box: 86029
Dubai

Tel: +971 (7) 2282332
Fax: +971 (7) 2282232
P.O. Box: 33239
Ras Al khaimah

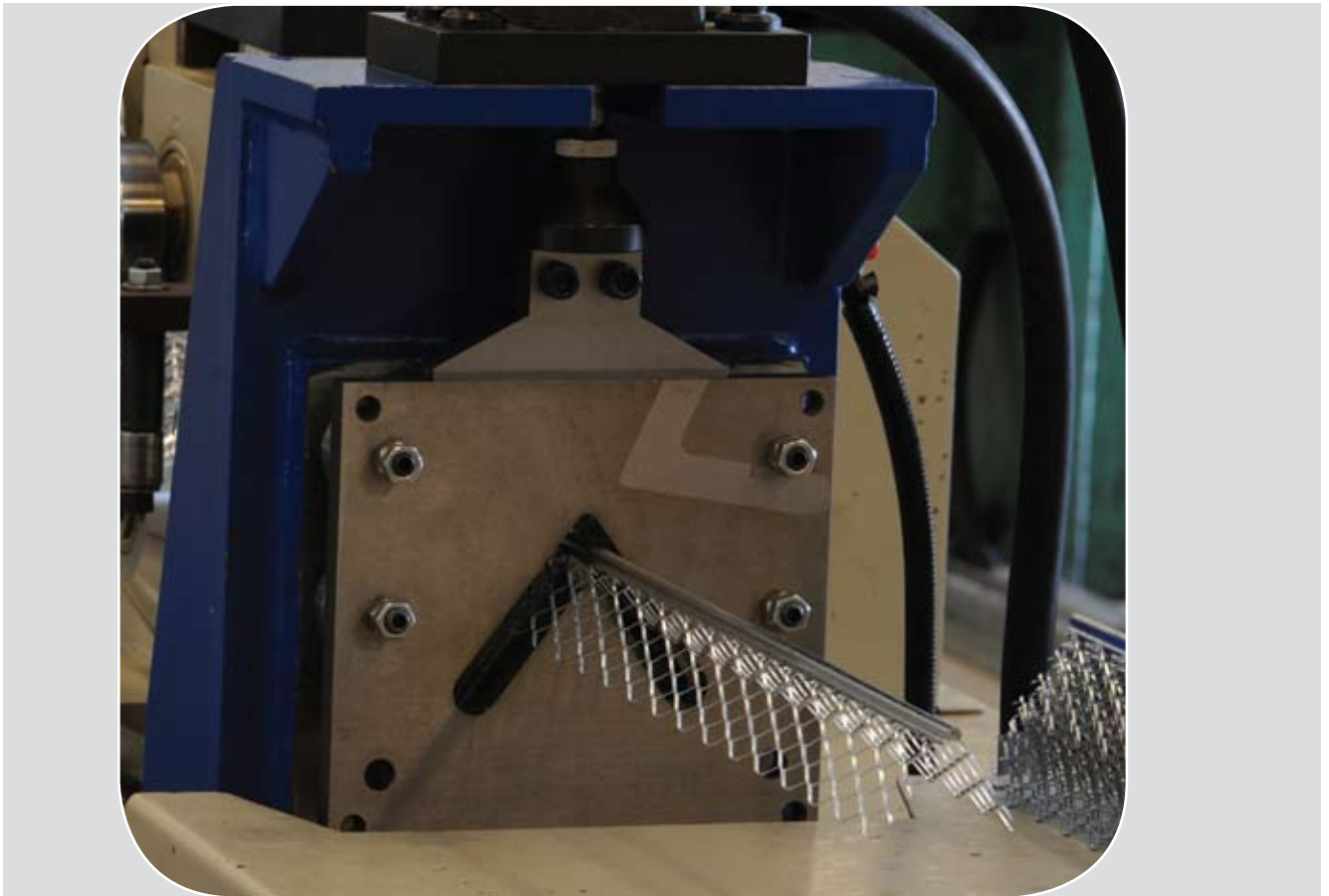
E-mail: tmi@tmico.ae Website: www.tmi-co.com

Table of CONTENTS

Introduction	About Expanded Mesh Systems	4
Metal Beads	Angle Beads	6
	Plaster Stop Beads	6
	Architrave Beads	7
	Architrave Beads Without Flange	7
	Renderstop Beads	8
	Movement Beads	8
	Control Joint Beads	9
	Method of Application	9
Micromesh Beads	Micro Angle Beads	10
	Micro Plaster Stop Beads	10
Expanded Metal Lath	Corner Lath	11
	Sheet Lath	12
	Strip Lath	12
	Coil Lath	12
	Rib Lath	13
	Method of Application	13
	Hy Rib	14
Crimbed Expanded Metal	Crimbed Expanded Metal	15
	Method of Application	
Block Work Reinforcements	Block Work Expanded Mesh	16
	Reinforcement Mesh	17
	Wall Ties	18
Lintels	Lintel	20
	Lintel Brackets	21
Dry wall Beads & Aluminum Channel	Dry Wall Plaster Beads	22
	Dry Wall Stop Beads	22
	Dry Wall Edge Beads	23
	Main Channel	23
	Aluminum Channel	24
Pull Out Box		24
Technical Specifications		25
Storage Conditions		26

About Expanded Mesh Systems

Expanded metal is a mesh formed from a single piece sheet metal. That sheet of solid metal is slit and stretched with each stroke of a die which forms a raised diamond pattern. The pattern varies by gauge and type of material and the size of the diamond. The meshes can be pressure rolled into a flat condition so that the strands are in the same plane as the sheet. Expanded Metal mainly used for reinforcement purposes and plaster embracing in addition to giving better finishing and stronger edges which increase the life time of any building.



TMI has been supplying mesh and wire products since 1997. We have exported our products throughout the Gulf Region, Middle East and Africa, and are renowned for our service and quality. When you call *TMI*, you become our number one priority. Whether your requirements are large or small, our experienced staff members are committed to meeting your needs accurately and efficiently.

Standard products are stocked and distributed from our Mussafah based factory. *TMI* offers a complete service to its customers producing customized meshes built to order in small batch quantities or high volume. Quick quotes, for standard products in moments whilst you are still on the line. For non standards you may have to wait for a few minutes or longer dependent on the complexity of your requirements.

TMI believes in prompt delivery and highest product value to its customer. Our service excellence comes from our committed investment on complete in-house manufacturing and computer systems.



Angle Beads

Application

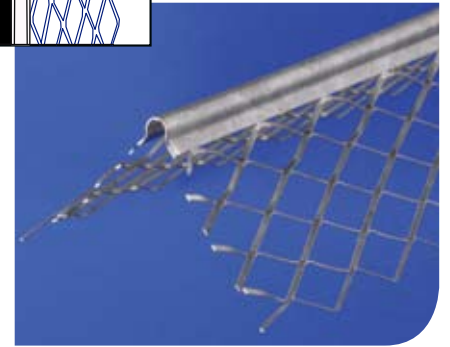
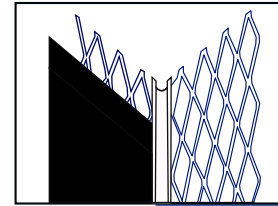
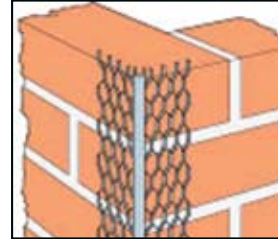
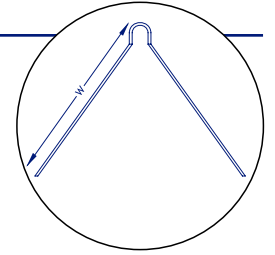
The intended use of Angle Beads is to help the formation of corners and abutments which are resistant to chips, cracks, and impact damage. Protecting corners & edges and giving better shape are the main purpose

Fixing

Fix either by nailing or using plaster dabs.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

Reference	Width of Wing (w)mm	Length mm	Material	Qty./Box piece
AB 45	45X45	2400/2700/3000	Galvanized	50
AB 50	50X50	2400/2700/3000	Galvanized	50
AB 55	55X55	2400/2700/3000	Galvanized	50
AB 65	65X65	2400/2700/3000	Galvanized	50
AB 75	75X75	2400/2700/3000	Galvanized	50
AB100	100X100	2400/2700/3000	Galvanized	50
AB 45 S	45X45	2400/2700/3000	Stainless Steel	50
AB 50 S	50X50	2400/2700/3000	Stainless Steel	50
AB 55 S	55X55	2400/2700/3000	Stainless Steel	50
AB 65 S	65X65	2400/2700/3000	Stainless Steel	50
AB 75 S	75X75	2400/2700/3000	Stainless Steel	50
AB100S	100X100	2400/2700/3000	Stainless Steel	50



Plaster Stop Beads

Application

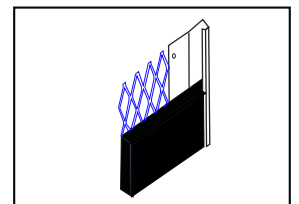
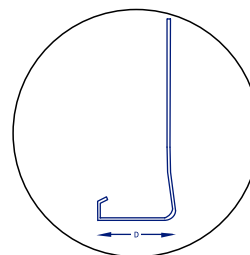
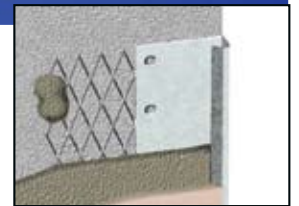
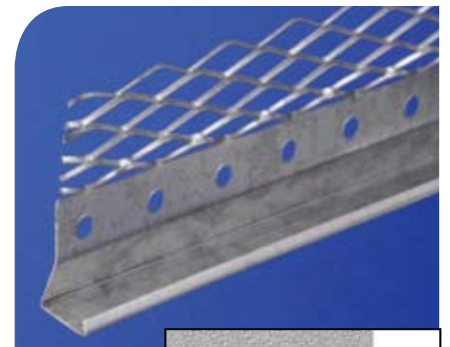
Plaster Stop Beads are used for the finishing and reinforcing of plaster edges. They provide a true straight line and protect the plaster where it is most vulnerable. They are available to suit various plaster depths.

Fixing

Fix either by nailing or using plaster dabs.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

Reference	Plaster Depth (D) mm	Length mm	Material	Qty./Box piece
PSB 10	10	2400/2700/3000	Galvanized	50
PSB 13	13	2400/2700/3000	Galvanized	50
PSB 16	16	2400/2700/3000	Galvanized	50
PSB 19	19	2400/2700/3000	Galvanized	50
PSB 10 S	10	2400/2700/3000	Stainless Steel	50
PSB 13 S	13	2400/2700/3000	Stainless Steel	50
PSB 16 S	16	2400/2700/3000	Stainless Steel	50
PSB 19 S	19	2400/2700/3000	Stainless Steel	50



Architrave Beads

Application

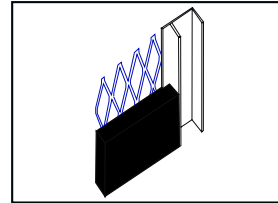
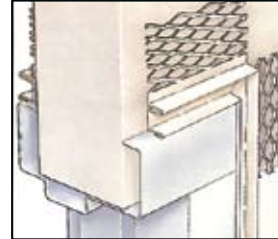
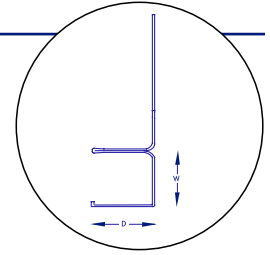
Mainly used for decorative purposes to give a channel gap or a shadow between different walls finishes (i.e. wall and ceiling or door and window reveals).

Fixing

Fix either by nailing or using plaster dabs.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

Reference	Width mm	Length mm	Plaster Depth (D) mm	Material	Qty./Box piece
AR 10	10	3000	10/13	Galvanized	50
AR 13	13	3000	10/13	Galvanized	40
AR 15	15	3000	10/13	Galvanized	40
AR 20	20	3000	10/13	Galvanized	40
AR 25	25	3000	10/13	Galvanized	40
AR 27	27	3000	10/13	Galvanized	40
AR 10 S	10	3000	10/13	Stainless Steel	50
AR 13 S	13	3000	10/13	Stainless Steel	40
AR 15 S	15	3000	10/13	Stainless Steel	40
AR 20 S	20	3000	10/13	Stainless Steel	40
AR 25 S	25	3000	10/13	Stainless Steel	40
AR 27 S	27	3000	10/13	Stainless Steel	40



Architrave Beads With Out Flange

Application

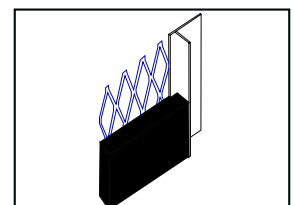
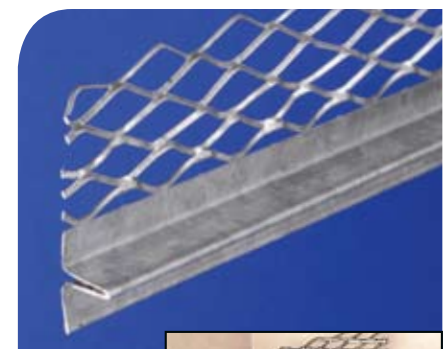
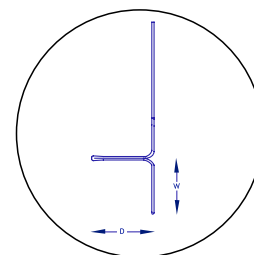
Mainly used for decorative purposes to give a shadow between different walls finishes (i.e. wall and ceiling or door and window reveals).

Fixing

Fix either by nailing or using plaster dabs.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

Reference	Width mm	Length mm	Plaster Depth (D) mm	Material	Qty./Box piece
ARWO 10	10	3000	10/13	Galvanized	50
ARWO 13	13	3000	10/13	Galvanized	40
ARWO 15	15	3000	10/13	Galvanized	50
ARWO 20	20	3000	10/13	Galvanized	40
ARWO 25	25	3000	10/13	Galvanized	40
ARWO 27	27	3000	10/13	Galvanized	40
ARWO 10 S	10	3000	10/13	Stainless Steel	40
ARWO 13 S	13	3000	10/13	Stainless Steel	40
ARWO 15 S	15	3000	10/13	Stainless Steel	40
ARWO 20 S	20	3000	10/13	Stainless Steel	40
ARWO 25 S	25	3000	10/13	Stainless Steel	40
ARWO 27 S	27	3000	10/13	Stainless Steel	40



Render Stop Beads

Application

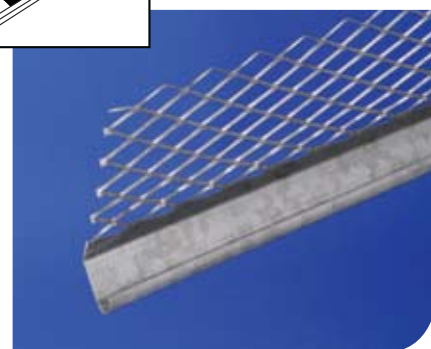
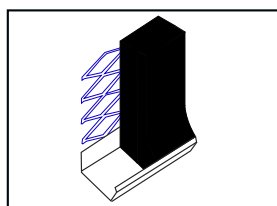
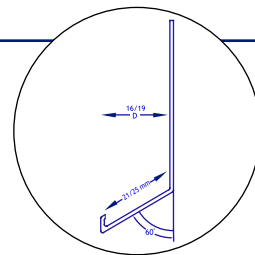
Major purpose is to obtain a lower edge to external finishes and to protect stonework from water.

Fixing

Fix either by nailing or using plaster dabs.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

Reference	Plaster Depth (D) mm	Length mm	Material	Qty./Box piece
RB 16	16	3000	Galvanized	50
RB 19	19	3000	Galvanized	50
RB 16 S	16	3000	Stainless Steel	50
RB 19 S	19	3000	Stainless Steel	50



Movement Beads

Application

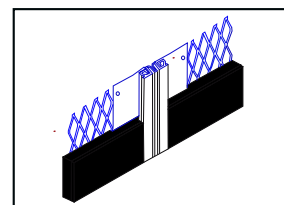
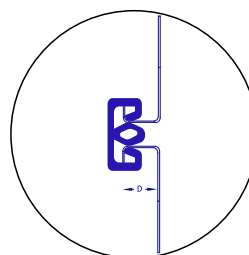
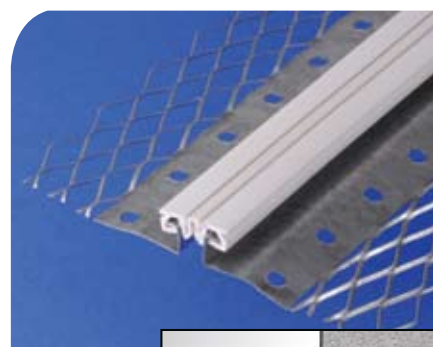
Joining two plaster beads using PVC would allow movement between surfaces resulting from differential expansion, gaps or opening out.

Fixing

Fix either by nailing or using plaster dabs.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

Reference	Plaster Depth (D) mm	Length mm	Material	Qty./Box piece
MB 10	10	3000	Galvanized	10
MB 13	13	3000	Galvanized	10
MB 16	16	3000	Galvanized	10
MB 19	19	3000	Galvanized	10
MB 10 S	10	3000	Stainless Steel	10
MB 13 S	13	3000	Stainless Steel	10
MB 16 S	16	3000	Stainless Steel	10
MB 19 S	19	3000	Stainless Steel	10



Control Joint Beads

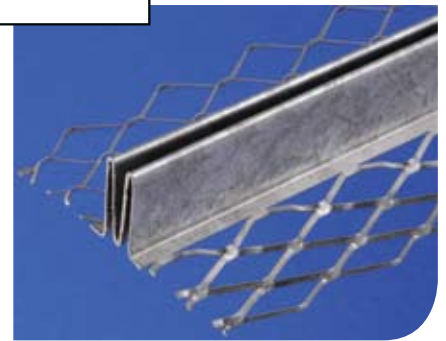
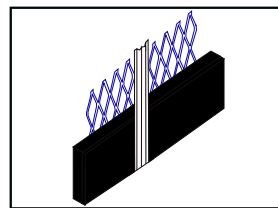
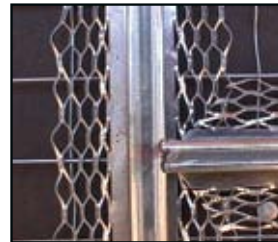
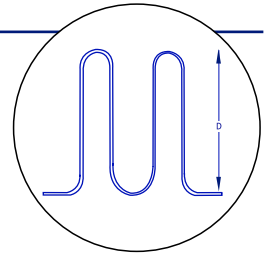
Application

Designed to deal with normal initial stucco shrinkage during the hydrating and curing stage of the portland cement stucco (generally exterior or gypsum plaster interior) coats and minor thermal expansion and contraction.

Fixing

Fix either by nailing or using plaster dabs.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

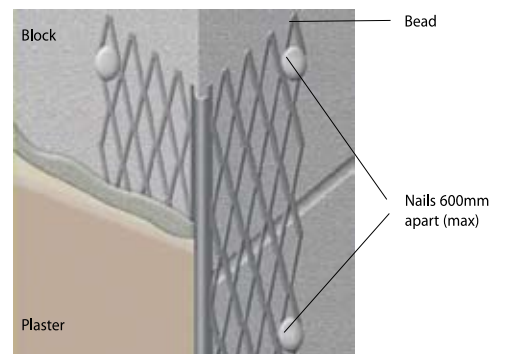


Reference	Plaster Depth (D) mm	Length mm	Material	Qty./Box piece
CJB 13	13	3000	Galvanized	30
CJB 21	21	3000	Galvanized	30
CJB 13 S	13	3000	Stainless Steel	30
CJB 21S	21	3000	Stainless Steel	30

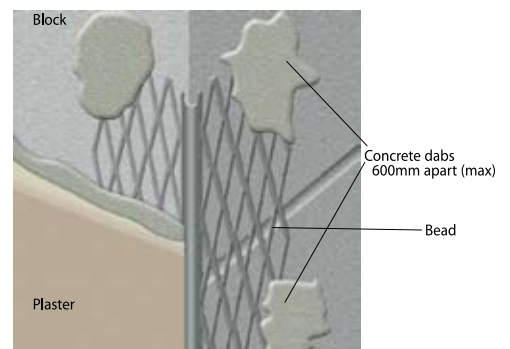
Method of Application

The most appropriate *TMI* metal bead should be chosen to suit the application, required plaster depth and the desired finish of the work.

Using galvanised or stainless steel nails (compatible with bead material), fixed at a maximum of 600mm apart. When nailing to a solid background the line of the bead will follow the line of the background.



Pressing dabs of the same material as the undercoat onto bead. Dabs should be applied at a maximum of 600mm apart. This method will even out minor irregularities in the line of the background, although the line of the bead will tend to generally follow the line of the background.



When beads are used with metal lath backgrounds, galvanised or stainless steel may be used to secure the beads in position. Soft galvanised wire or soft stainless steel wire should be used to match the bead and lath materials. All wires should be twisted tightly and the ends bent away from the finished face of the coating.

Micro Angle Beads

Application

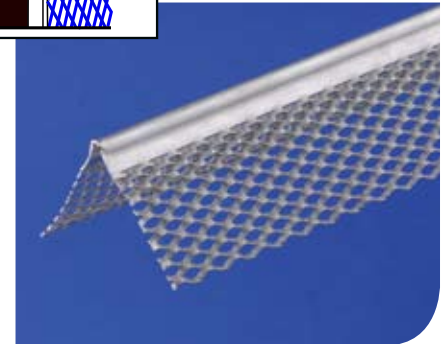
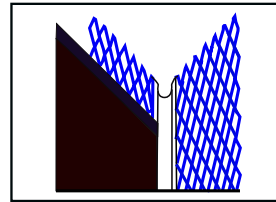
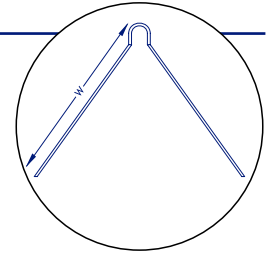
Micro Angle Bead is designed for thin / single coat plaster, and used at corners for protection.

Fixing

Fix either by nailing or using plaster dabs.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

Reference	Width of Wing mm	Length mm	Material	Qty./Box piece
MAB 25	25 x 25	3000	Galvanized	50
MAB 30	30 x 30	3000	Galvanized	50
MAB 25 S	25 x 25	3000	Stainless Steel	50
MAB 30 S	30 x 30	3000	Stainless Steel	50



Micro Plaster Stop Beads

Application

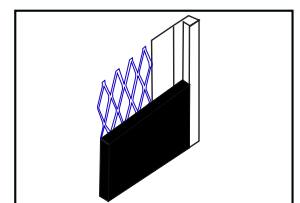
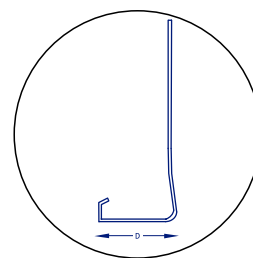
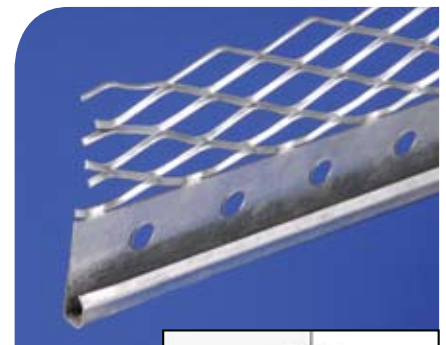
Designed for thin / single coat plaster and are used for the finishing and reinforcing of plaster edges.

Fixing

Fix either by nailing or using plaster dabs.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

Reference	Width of Wing mm	Length mm	Material	Qty./Box piece
PSB 6	6	3000	Galvanized	50
PSB 6 S	6	3000	Stainless Steel	50



Expanded Metal Lath

Expanded Metal Lath is widely used as a plastering base for reinforcement against cracks. It is used to provide a bond between dissimilar materials and at crack-prone areas adjacent to openings. It is highly recommended for reinforcing along lines of stress.

- *TMI* plaster mesh comprises of Sheet lath, Strip lath and Coil lath according to the sizes
- Width of mesh up to 800mm
- Weight per square meter varies from 0.63kg/m² to 2.00kg/m²

Place of Use

At joints of dissimilar materials, at crack prone areas adjacent openings and at areas of stress.

Material

- Galvanized Steel for internal walls.
- Stainless Steel for external walls and walls with more moisture contacts.

Recommended Size

- 150mm to 300mm medium or heavy duty according to plaster thickness.
- 600 / 700 / 800mm X 2.5m sheet for covering wide areas.

Corner Lath

Application

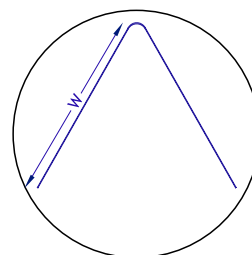
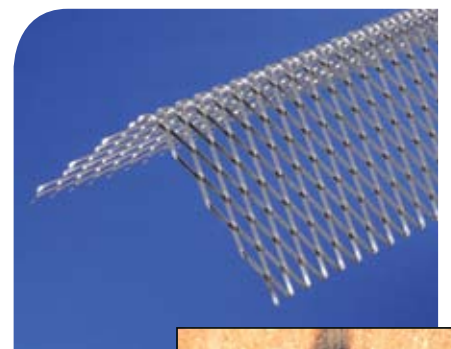
Corner Lath is a joint less mesh, bent length wise in the center and are used inside corner joints dissimilar material base.

Fixing

Fix either by nailing or using plaster dabs.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

Reference	Width of Wing mm	Length mm	Material	Qty./Box piece
CRL 50	50 x 50	2500/3000	Galvanized	50
CRL 75	75 x 75	2500/3000	Galvanized	50
CRL 90	90 x 90	2500/3000	Galvanized	50
CRL 100	100 x 100	2500/3000	Galvanized	50
CRL 50 S	50 x 50	2500/3000	Stainless Steel	50
CRL 75 S	75 x 75	2500/3000	Stainless Steel	50
CRL 90 S	90 x 90	2500/3000	Stainless Steel	50
CRL 100 S	100 x 100	2500/3000	Stainless Steel	50



Sheet Lath

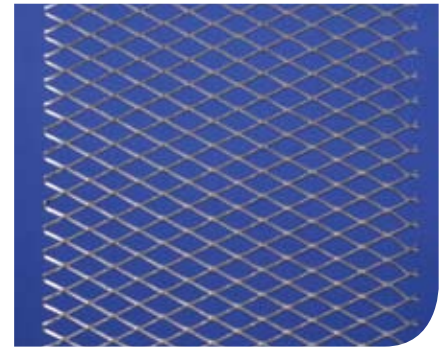
Reference	Weight Kg/m ²	Sheet Size mm	Material	Qty./Bundle Piece
ESL-B	0.60	2500 X 600	Galvanized	10
ESL-L	0.91	2500 X 600	Galvanized	10
ESL-M	1.11	2500 X 600	Galvanized	10
ESL-H	1.61	2500 X 600	Galvanized	10
ESL-E	1.85	2500 X 600	Galvanized	10
ESL-S	2.00	2500 X 600	Galvanized	10
ESL-L S	0.91	2500 X 600	Stainless Steel	10
ESL-M S	1.11	2500 X 600	Stainless Steel	10
ESL-H S	1.61	2500 X 600	Stainless Steel	10



• Special widths up to 800mm are available upon request.

Strip Lath

Reference	Weight Kg/m ²	Strip Width mm	Strip Length mm	Material	Qty./Bundle Piece
SL-B 150	0.60	150	2500/3000	Galvanized	25
SL-B 200	0.60	200	2500/3000	Galvanized	25
SL-L 150	0.91	150	2500/3000	Galvanized	25
SL-L 200	0.91	200	2500/3000	Galvanized	25
SL-M 150	1.11	150	2500/3000	Galvanized	25
SL-M 200	1.11	200	2500/3000	Galvanized	25
SL-H 150	1.61	150	2500/3000	Galvanized	25
SL-H 200	1.61	200	2500/3000	Galvanized	25
SL-E 150	1.85	150	2500/3000	Galvanized	25
SL-E 200	1.85	200	2500/3000	Galvanized	25
SL-S 150	2.00	150	2500/3000	Galvanized	25
SL-S 200	2.00	200	2500/3000	Galvanized	25
SL-L 150 S	0.91	150	2500/3000	Stainless Steel	25
SL-L 200 S	0.91	200	2500/3000	Stainless Steel	25
SL-M 150 S	1.11	150	2500/3000	Stainless Steel	25
SL-M 200 S	1.11	200	2500/3000	Stainless Steel	25
SL-H 150 S	1.61	150	2500/3000	Stainless Steel	25
SL-H 200 S	1.61	200	2500/3000	Stainless Steel	25



• Special widths up to 400mm are available upon request.

Coil Lath

Reference	Weight Kg/m ²	Coil Width mm	Coil Length m	Material
CL-B 150	0.60	150	50	Galvanized
CL-B 200	0.60	200	50	Galvanized
CL-L 150	0.91	150	50	Galvanized
CL-L 200	0.91	200	50	Galvanized
CL-M 150	1.11	150	50	Galvanized
CL-M 200	1.11	200	50	Galvanized
CL-H 150	1.61	150	50	Galvanized
CL-H 200	1.61	200	50	Galvanized
CL-E 150	1.85	150	50	Galvanized
CL-E 200	1.85	200	50	Galvanized
CL-S 150	2.00	150	50	Galvanized
CL-S 200	2.00	200	50	Galvanized
CL-L 150 S	0.91	150	50	Stainless Steel
CL-L 200 S	0.91	200	50	Stainless Steel
CL-M 150 S	1.11	150	50	Stainless Steel
CL-M 200 S	1.11	200	50	Stainless Steel
CL-H 150 S	1.61	150	50	Stainless Steel
CL-H 200 S	1.61	200	50	Stainless Steel

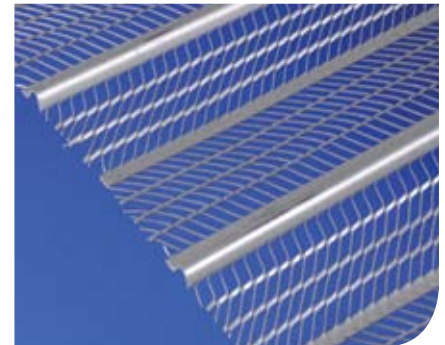


• Special widths up to 400mm are available upon request.

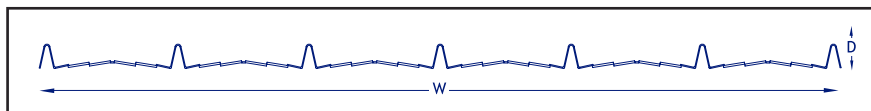
Rib Lath

- Rib Lath is a specially designed expanded metal lath for the construction of suspended ceilings and stud wall partitions.
- This lath has an integral stiffening ribs rolled-formed during manufacturing. The mesh areas of the lath are expanded.
- The Rib Lath is easy to handle and can be cut with handshears and bent to the required angles.

Reference	Weight Kg/m ²	Rib Depth (D) mm	Width (w) mm	Length mm	Material
RBL 1.4	1.48	10	600	2500	Galvanized
RBL 1.8	1.84	10	600	2500	Galvanized
RBL 2.2	2.22	10	600	2500	Galvanized
RBL 1.4 S	1.48	10	600	2500	Stainless Steel
RBL 1.8 S	1.84	10	600	2500	Stainless Steel



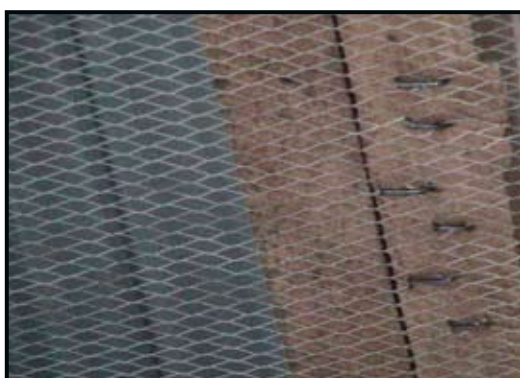
- Special lengths are available upon request.



Method of Application

Prepare the walls ruff and fix *TMI* expanded lath firmly by washers and nails at a distance of which it should be rigid. Washers & nail should be of the same material.

- Prepare the line of electrical, sanitary or water supply and fill the gap fully with cement mortar. Prepare the surface ruff and fix *TMI* expanded lath firmly by washers & nails at a distance of which it should be rigid. Washers and nails should be of the same material.
- Use lath of correct size singly to cover the full area.
- Avoid using lath in series or overlapping.

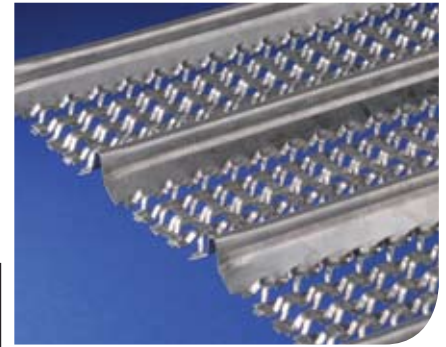
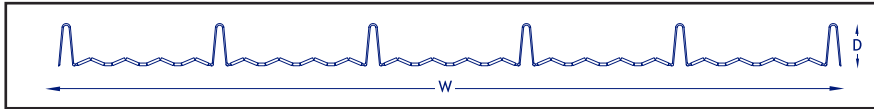


Hy Rib

Hy-Ribs are used widely in the construction works for joints, stopend, retaining walls and columns. It creates a strong bond base for successive pours. Hy-Rib is fixed as permanent formwork. When concrete is poured behind it, the angled tabs of mesh become embedded. This produces a mechanical key for the adjacent pour. Hy-Rib provides a high degree of control over the quality of the joint - which is as strong in bond and shear as a well prepared scabbled joint.

Reference	Weight kg/m ²	Rib Depth (D) mm			
HR 3	3.39	21	445	2200	Galvanized
HR 4	4.86	21	445	2200	Galvanized
HR 6	6.34	21	445	2200	Galvanized

- Special lengths are available upon request.



Key Product Features

- Unique design incorporates mesh and roll-formed ribs to retain poured concrete.
- Versatile, lightweight, easy to cut, bend and shape.
- Openwork mesh design can reduce concrete pressure by up to a half, thus formwork supports are considerably reduced.
- Can be installed in less time than traditional plywood or steel formwork.
- Permanent formwork. No stripping or preparation of joint surface for bonding to the next pour.

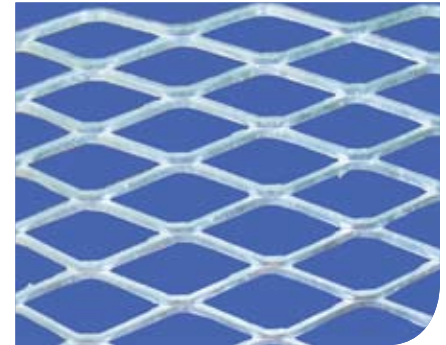
Key Benefits

- Hy-Rib achieves significant reductions in the concrete pressures normally associated with conventional formwork.
- Hy-Rib can be installed more quickly than plywood or steel formwork.
- Hy-Rib can be placed before rod reinforcement which is then installed by piercing through the mesh area.
- When it is to be placed after the reinforcement rods, Hy-Rib is readily cut to accommodate the rods.
- The combination of Hy-Rib with the concrete creates a bonding surface for the next pour.
- Hy-Rib eliminates preparation of the joint surface, so reinforcement fixing can continue with out a break.
- Hy-Rib allows a high rate of rise of concrete.
- Hy-Rib enables the pour to be visually monitored.
- Hy-Rib reduces the risk of voids and honeycombing.

Crimped Expanded Metal

Crimped expanded metal is the most practical and economical way for safety and to assure structural strength. It acts as an effective preventative measure to secure internal and external walls, ceilings and roofs from intruders. It can be quickly installed by fasteners either by bolting or by welding.

The knuckles and strands are set at a uniform angle to plane of sheet mesh. It allows free air circulation and distributes the load on the metal to the supporting frames.

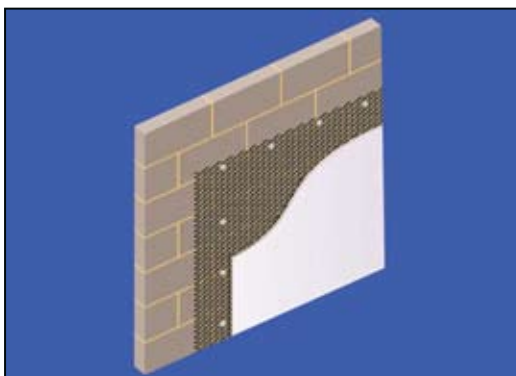


Reference	Sheet Size mm	Strand Thickness mm	Strand Width mm	LWD	SWD
CM240	2440 x 1220	0.3 Up to 3.0	1.5/3.0/4.5/6.0/7.5	90	28

- Material: Mild Steel, Galvanized Steel, Stainless Steel.
- Finish: Hot Dipped Galvanized, Powder Coated.

Method of Application

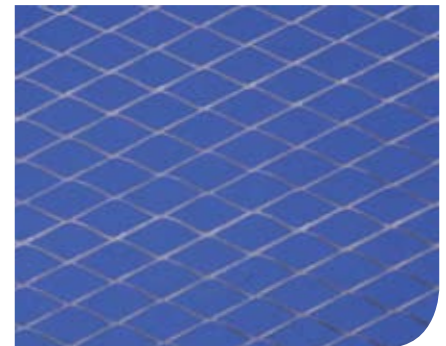
- Cash handling locker offices.
- High value goods stores.
- Industrial application such as catwalk or walkway over machinery parts.
- Safety guards to protect glass.



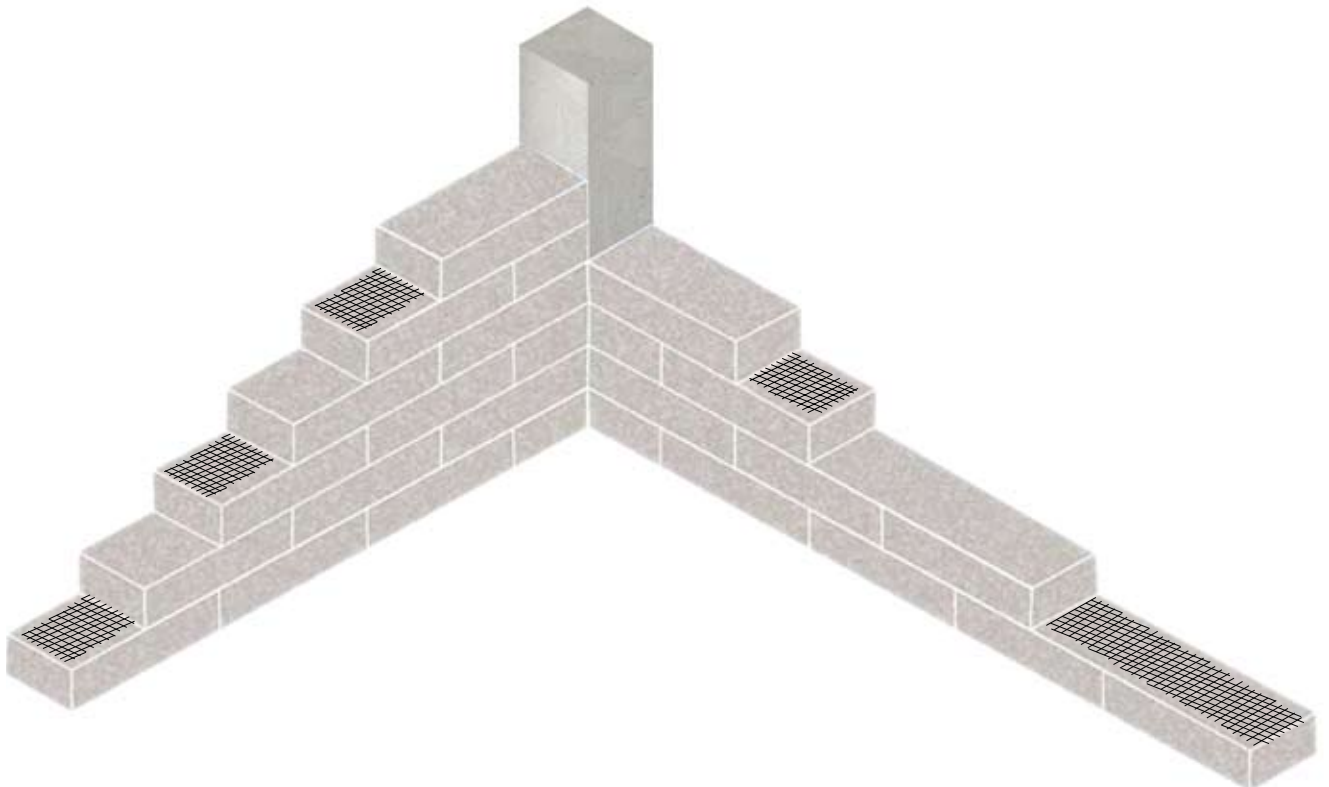
Block Work Expanded Mesh

Block Work Mesh is an anti-crack reinforcement mesh for non-structural use. Block work reinforcement mesh should be used in every second course of a wall. Combinations of different widths of reinforcement mesh may be used to suit any wall thickness. It is also recommended for window and doorframes for stress resistance.

Reference	Coil Width mm	Length m	Material
MC 75	75	50/100	Galvanized
MC 100	100	50/100	Galvanized
MC 125	125	50/100	Galvanized
MC 150	150	50/100	Galvanized
MC 175	175	50/100	Galvanized
MC 200	200	50/100	Galvanized
MC 250	250	50/100	Galvanized
MC 300	300	50/100	Galvanized
MC 75 S	75	50/100	Stainless Steel
MC 100 S	100	50/100	Stainless Steel
MC 125 S	125	50/100	Stainless Steel
MC 150 S	150	50/100	Stainless Steel
MC 175 S	175	50/100	Stainless Steel
MC 200 S	200	50/100	Stainless Steel
MC 250 S	250	50/100	Stainless Steel
MC 300 S	300	50/100	Stainless Steel



- Special lengths and widths up to 800mm available upon request.

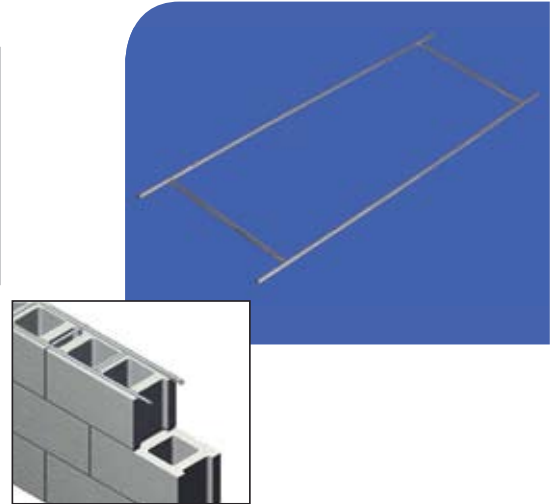
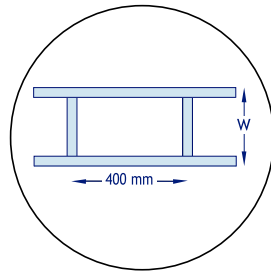


Reinforcement Mesh

Block mesh reinforcing in walls will help to combat wind effects, withstand the loading of material against the wall, control shrinkage, thermal and settlement effects and enable the wall to span across openings. *TMI* block mesh is manufactured to customer specifications, which enables its strength to be used with maximum efficiency.

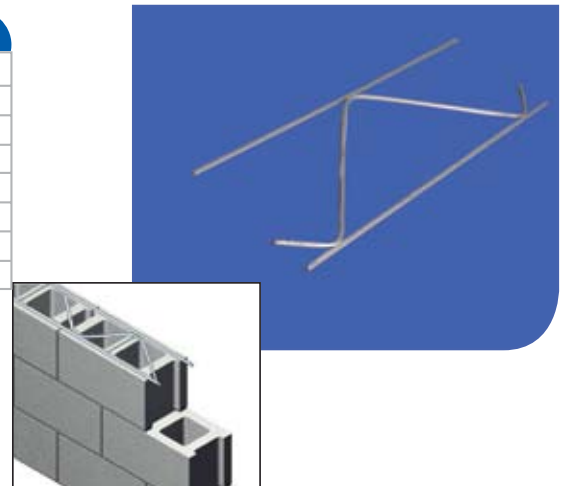
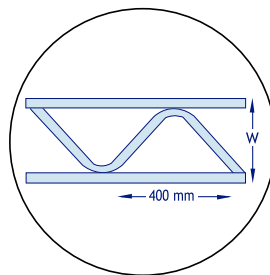
Ladder

Reference	Width mm	Length mm	Diameter of rod mm	Material
BL 50	50	3000	3/4/5	Galvanized (Plain/Deformed)
BL 100	100	3000	3/4/5	Galvanized (Plain/Deformed)
BL 150	150	3000	3/4/5	Galvanized (Plain/Deformed)
BL 200	200	3000	3/4/5	Galvanized (Plain/Deformed)
BL 50 S	50	3000	3/4/5	Stainless Steel (Plain/Deformed)
BL 100 S	100	3000	3/4/5	Stainless Steel (Plain/Deformed)
BL 150 S	150	3000	3/4/5	Stainless Steel (Plain/Deformed)
BL 200 S	200	3000	3/4/5	Stainless Steel (Plain/Deformed)



Truss

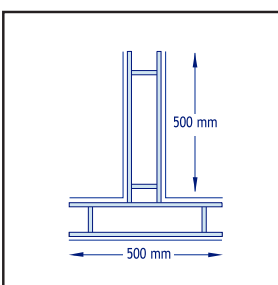
Reference	Width mm	Length mm	Diameter of rod mm	Material
BT 50	50	3000	3/4/5	Galvanized (Plain/Deformed)
BT 100	100	3000	3/4/5	Galvanized (Plain/Deformed)
BT 150	150	3000	3/4/5	Galvanized (Plain/Deformed)
BT 200	200	3000	3/4/5	Galvanized (Plain/Deformed)
BT 50 S	50	3000	3/4/5	Stainless Steel (Plain/Deformed)
BT 100 S	100	3000	3/4/5	Stainless Steel (Plain/Deformed)
BT 150 S	150	3000	3/4/5	Stainless Steel (Plain/Deformed)
BT 200 S	200	3000	3/4/5	Stainless Steel (Plain/Deformed)



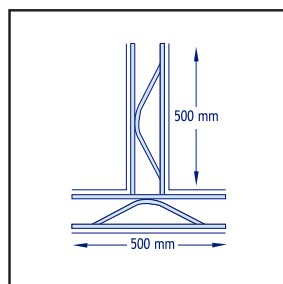
Prefabricated Corners and Tees

Corners and tees are available for any joint reinforcing product. We manufacture 500mm lengths as standard.

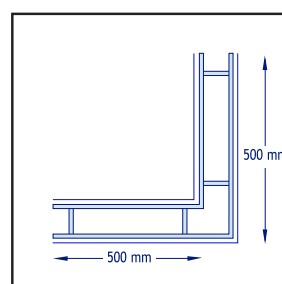
- Ladder Tee - BLT



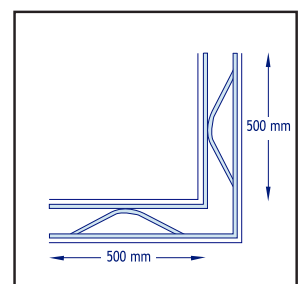
- Truss Tee - BTT



- Ladder Corner - BLC

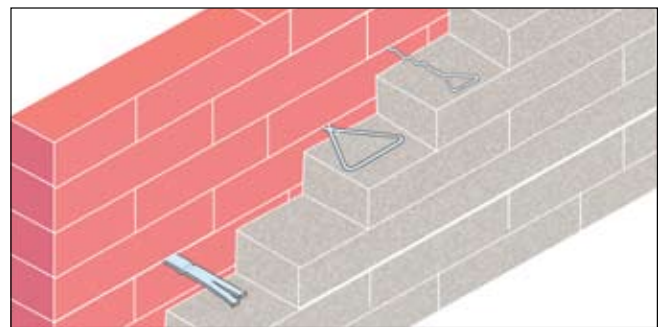
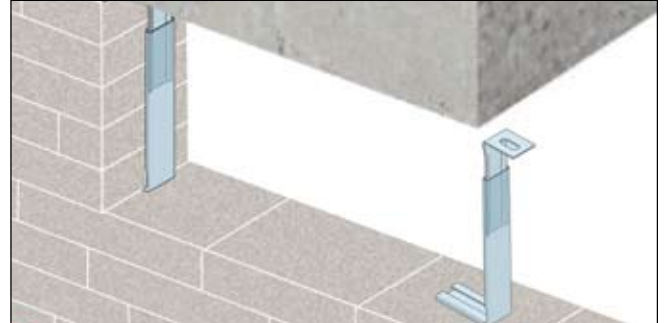
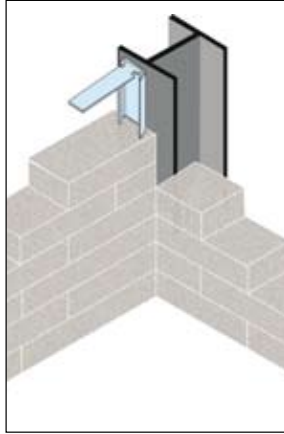
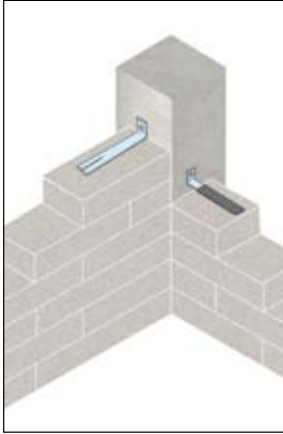


- Truss Corner - BTC



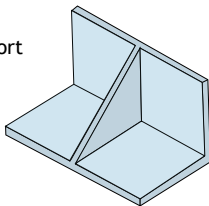
Wall Ties

TMI wall ties, Anchor Plates, are used to attach structural members or equipment to concrete structure. Plates and Angles can also be used to frame openings in concrete walls or as shelf angles. They are used with precast or cast in place concrete.

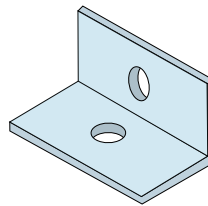


- Standard Thickness : 1.50mm up to 3.00mm
- Standard Length : 75mm up to 250mm
- Standard Width : 25mm up to 50mm
- Material : Galvanized, Stainless Steel

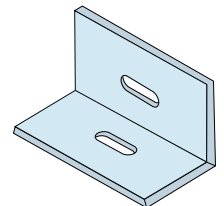
AWS
Anchor with Support



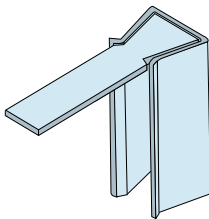
ASP2
2 Side screwed punched anchor



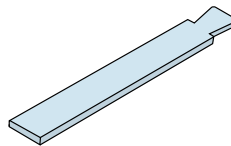
AH-2ST
2 Side slot Anchor horizontal



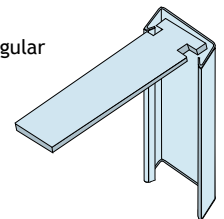
WTTC
Dove tail with triangular channel



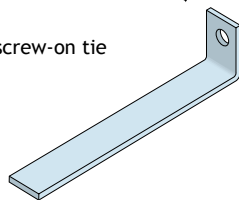
DTT
Dove tail tie



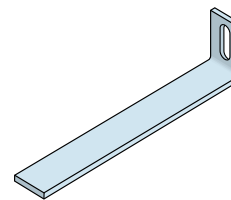
WTRC
Dove tail with rectangular channel



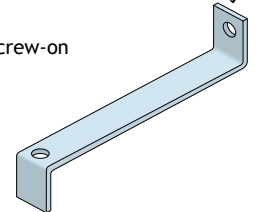
LPS
L-Plain bolt/screw-on tie



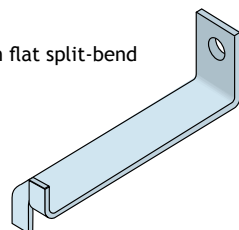
LPT
L-plain slot tie



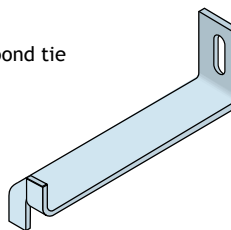
ZPSS
Z-plain tie bolt/screw-on slot



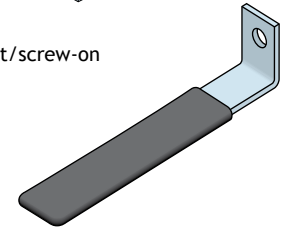
LSSB
Bolt screw-on flat split-bend tie



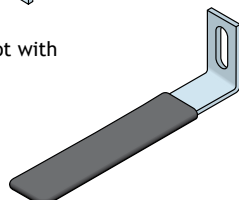
LSSB-ST
Slot flat split - bond tie



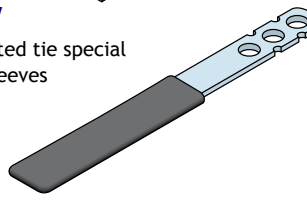
LPSW
L-plain tie bolt/screw-on with sleeves



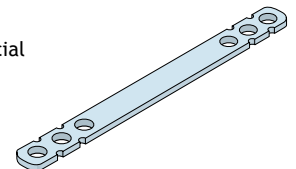
LPSW-ST
L-plain tie slot with sleeves



PTSW
Perforated tie special with sleeves

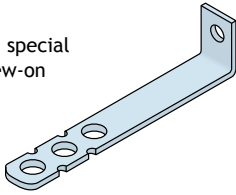


PTS
Plain tie special



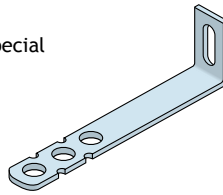
LPS-S

L-Perforated special tie bolt/screw-on



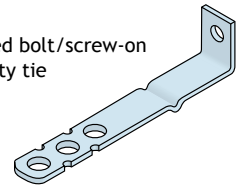
LPS-ST

L-Perforated special slot tie



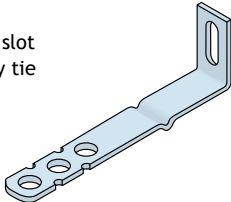
LPS-SC

L- Perforated bolt/screw-on special cavity tie



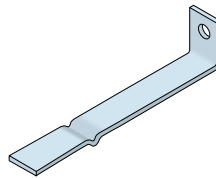
LPS-STC

L-Perforated slot special cavity tie



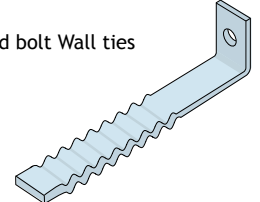
CWT

Cavity wall tie bolt/screw-on



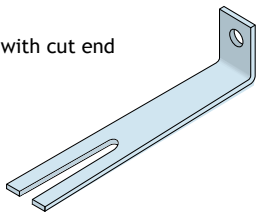
CGWT

Corrugated bolt Wall ties



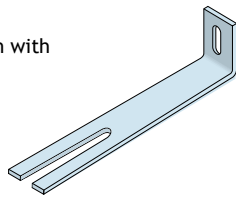
LBT

L-bolt tie with cut end



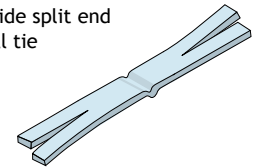
LST

L-Slot tie with with U-Cut end



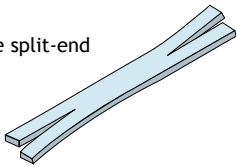
FCWT

Flat two side split end cavity wall tie



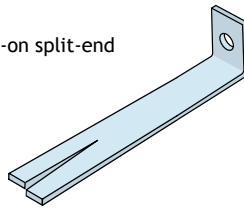
FS2

Flat two side split-end



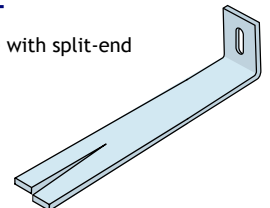
LSS

L-bolt/screw-on split-end



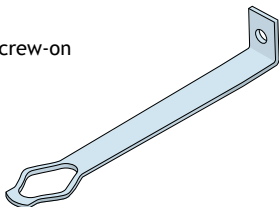
LSS-ST

L-slot tie with split-end



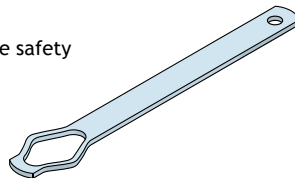
LSSF

L-Bolt screw-on safety



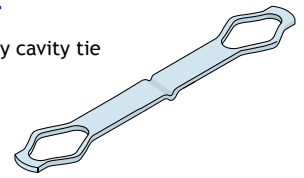
PSF

Plain tie safety



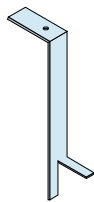
SCT

Safety cavity tie



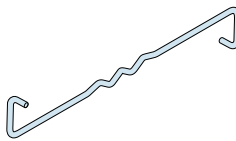
WTCW

Ceiling wall strap tie



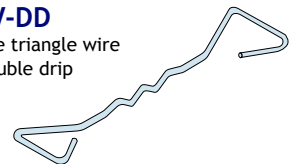
ZWT

Z wire tie



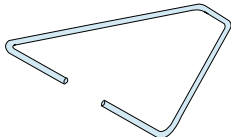
DTW-DD

Double triangle wire tie double drip



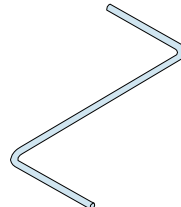
TW

Triangular wire tie



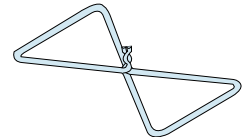
WTZ

Z-shape wire tie



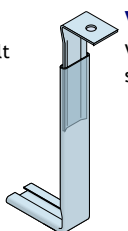
WTB

Butterfly wire tie.



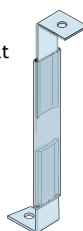
VM1

Vertical movement tie Bolt screw-on



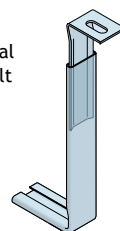
VM2

Vertical movement tie Bolt screw-on



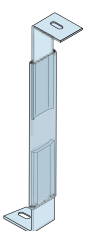
VHM-ST1

Vertical horizontal movement tie slot



VHM-ST2

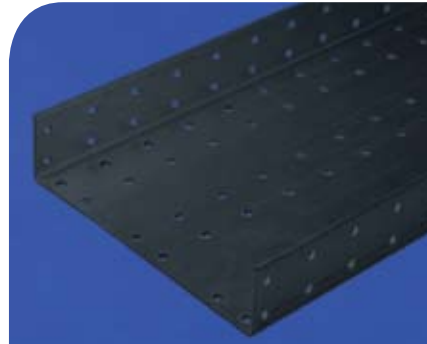
Vertical horizontal movement tie Slot



• Special designs are available upon request.

Lintel

TMI Steel channel lintels provide open span support over door and window apertures providing light weight support and efficient load bearing for all types of block. All TMI Lintels are manufactured using prime steel galvanized with zinc which can be coated with black thermoset polyester powder or black dual-coat epoxy paint which provides excellent long-term corrosion resistance.

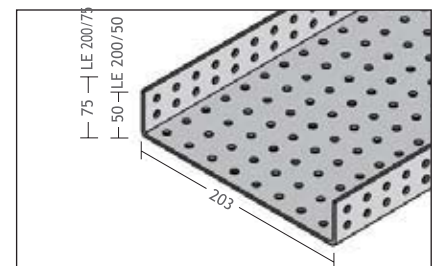
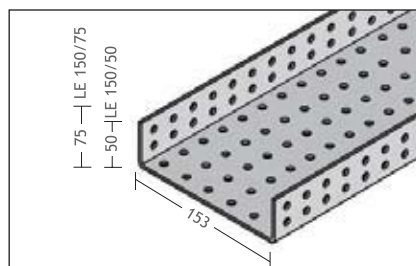
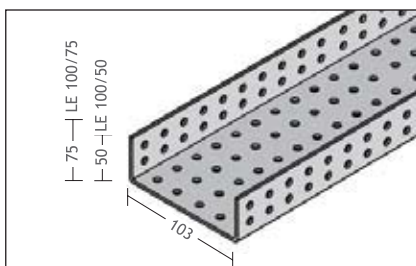
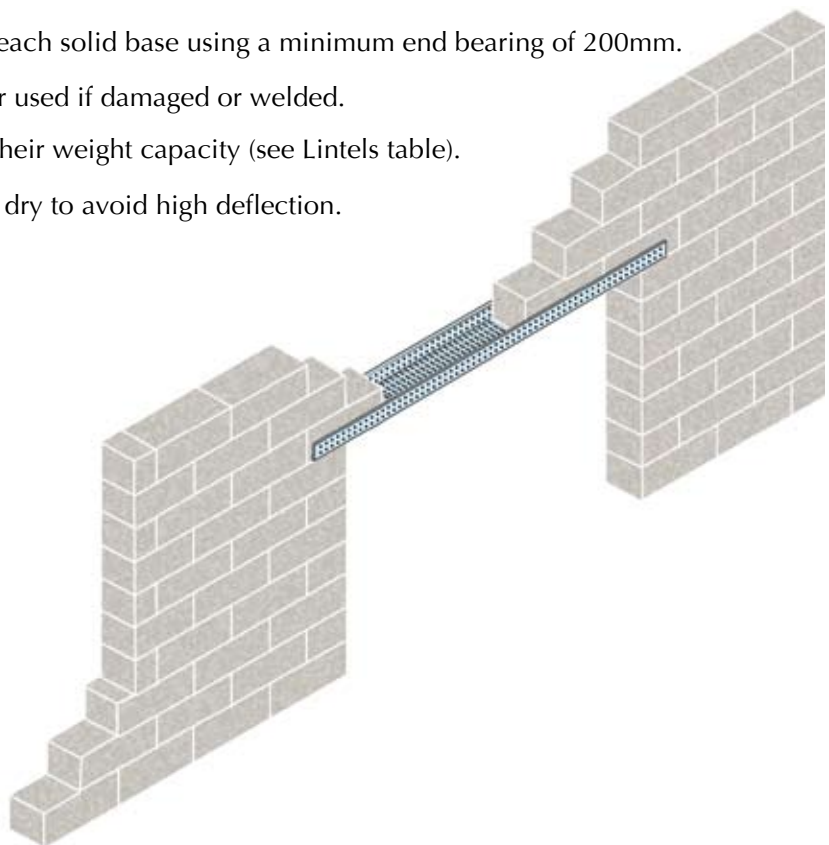


Installation

- Lintels shall be simply supported at each solid base using a minimum end bearing of 200mm.
- Lintels should not be cut to length or used if damaged or welded.
- Lintels must always be used within their weight capacity (see Lintels table).
- Use support at center until mortar is dry to avoid high deflection.

Advantage

- Easy to use.
- Time saving.
- Cost effective.



• Width dimensions are for the inside of channels and in mm.

Plaster Key

Generally lintels are supplied with perforations as a plaster key but occasionally it may be necessary to supply expanded mesh fixed to the lintels as an alternative.

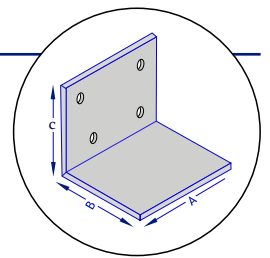
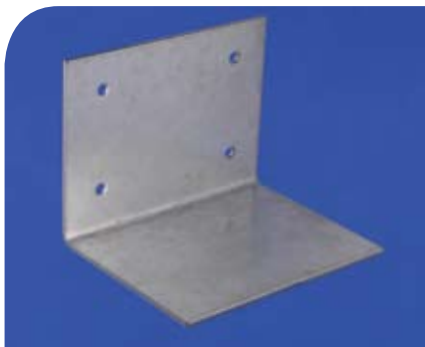
Lintels Table

Safe working load uniformly distributed (tonnes)

Reference	Guage Code	Thickness mm	Weight kg/m	Height of Flange mm	Width of Lintel mm	0.90-1.20	1.30-1.50	1.60-1.80	1.90-2.10	2.20-2.40
LE 100/50	A	2.0	3.0	50	100	0.55	0.42	0.31	-	-
	B	2.5	3.7	50	100	0.80	0.58	0.38	0.24	0.18
	C	3.2	3.7	50	100	1.12	0.66	0.44	0.31	0.23
LE100/75	C	3.2	5.9	75	100	1.63	1.25	1.00	0.86	0.64
LE150/50	A	2.0	5.6	50	150	0.48	0.37	0.27	-	-
	B	2.5	5.9	50	150	0.76	0.58	0.41	0.27	0.19
	C	3.2	4.7	50	150	1.22	0.79	0.52	0.37	0.28
LE150/75	C	3.2	7.1	75	150	1.63	1.25	1.00	0.86	0.64
LE200/50	A	2.0	4.4	50	200	0.62	0.48	0.35	-	-
	B	2.5	7.1	50	200	0.77	0.59	0.41	0.29	0.21
	C	3.2	4.7	50	200	1.05	0.80	0.53	0.38	0.28
LE200/75	C	3.2	8.5	75	200	1.63	1.25	1.00	0.86	0.64

- Special width of 225, 250, 300, 350 & 400. Thickness up to 4mm and different height are available upon request.
- Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available.
- Load Calculation can be provided as per the client request.

Lintel Brackets

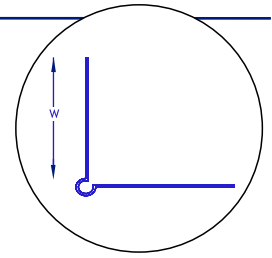


Reference	A mm	B mm	C mm	Thickness (t) mm	Suitable Lintel	No. & Diameter Of Anchors
LB 100	100	150	150	4/5/6	LE 100	3 X M 8 X 80
LB 150	150	150	150	4/5/6	LE 150	4 X M 8 X 80
LB 200	200	200	150	4/5/6	LE 200	3 X M10 X 80

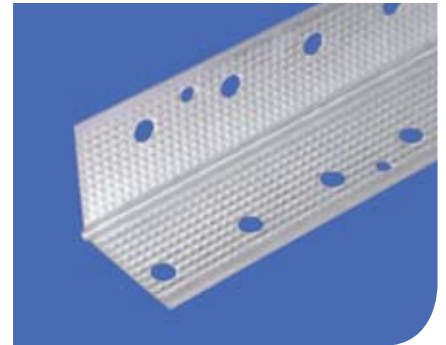
- Special designs are available upon request.

Dry Wall Plaster Bead

A general purpose interior corner plaster bead most commonly used over gypsum plaster board. Provides a neat straight corner.



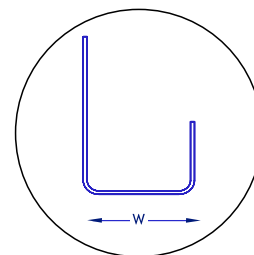
Reference	A mm	Length mm	Material	Qty./Bundle Piece
DABP 32	32 x 32	2400 / 3000	Galvanized	20



Dry Wall Stop Bead

The Dry Wall Stop Bead is designed for a protective single and thin protective coat plaster work.

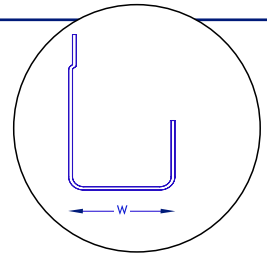
Reference	Plaster width mm	Length mm	Material	Qty./Bundle Piece
DSB 13	13	3000	Galvanized	20
DSB 15	15	3000	Galvanized	20
DSB 13 S	13	3000	Stainless Steel	20
DSB 15 S	15	3000	Stainless Steel	20



Dry Wall Edge Bead

The Dry Wall Edge Bead is designed to provide a protective finish to the edges of plasterboard.

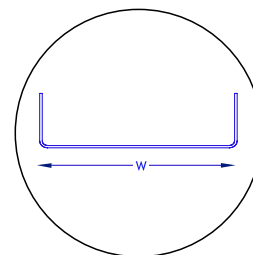
Reference	Plaster width mm	Length mm	Material	Qty./Bundle Piece
DEB 13	13	3000	Galvanized	20
DEB 15	15	3000	Galvanized	20
DEB 13 S	13	3000	Stainless Steel	20
DEB 15 S	15	3000	Stainless Steel	20



Main Channel

Main Channel is used for making grooves in plaster finishes for decorative purposes.

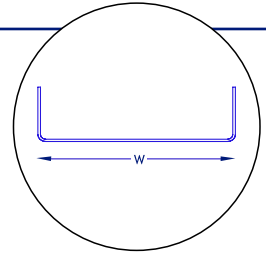
Reference	Plaster width mm	Length mm	Material	Qty./Bundle Piece
C 19	12 x 19 x 12	3000	Galvanized	20
C 25	12 x 25 x 12	3000	Galvanized	20
C 38	12 x 38 x 12	3000	Galvanized	20
C 45	12 x 45 x 12	3000	Galvanized	20
C 50	12 x 50 x 12	3000	Galvanized	20
C 19 S	12 x 19 x 12	3000	Stainless Steel	20
C 25 S	12 x 25 x 12	3000	Stainless Steel	20
C 38 S	12 x 38 x 12	3000	Stainless Steel	20
C 45 S	12 x 45 x 12	3000	Stainless Steel	20
C 50 S	12 x 50 x 12	3000	Stainless Steel	20



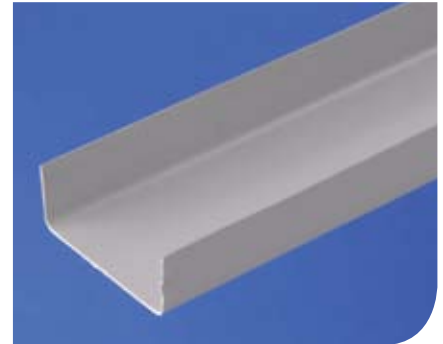
Aluminum Channel

The Aluminum Channel is a versatile product, commonly used for groove making; a decorative purpose for plaster finishes.

Powder coated material, or special fire protection paint coated material with resistance up to 120 minutes, is available upon request.

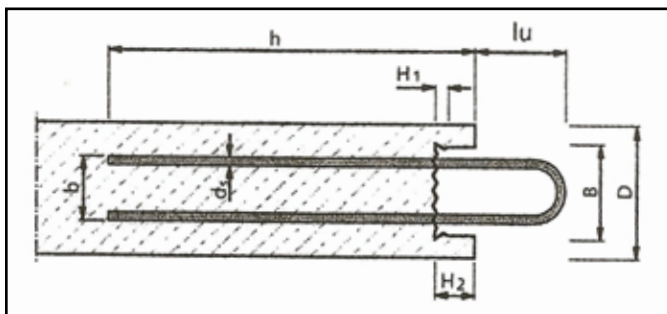


Reference	Size mm	Length mm	Material	Thickness mm
CA 10	10 x 10 x 10	6000	Aluminum	1.7
CA 17	11 x 17 x 11	6000	Aluminum	1.5
CA 20	10 x 20 x 10	6000	Aluminum	1.5
CA 23	12.5 x 23 x 12.5	6000	Aluminum	1.5



Pullout Box

The GI Pullout Box is supplied in retainer boxes made from galvanized sheet steel, for the reliable transmission of shear forces. The GI Pullout Box, designed to ensure the exact distance between rods, in which the holes are made slightly bigger than the rod diameter.



Material Used: Galvanized sheet, different zinc coatings.

GI Pullout Box Length: 1.2m, 2.44m, 3m (other length can be manufactured upon request.)

GI Pullout Box Width: 100mm – 400mm (other widths, smaller or larger can be arranged.)

Hole Diameter: 10mm – 25mm (other punching required, can be done.)

Material Thickness: 0.4mm – 1.5mm as standard (other thickness 0.3mm – 5mm can be manufactured.)

Covers: According to the requirements.

Technical Specifications

Metal Beads

- Manufactured to BS EN 13658-1 & 2:2005 (formerly BS 6452:Part 1:1984)
ASTM C 1047
- Galvanized Steel BS EN 10346:2009 (formerly BS EN 10142:1991) coating type: Z180-275
ASTM A 653/A 653M
- Stainless Steel BS EN 10088-2:2005 (which was direct equivalent to formerly
BS 1449:Part 2:1983 in Grade 304 2B FINISH)
ASTM A240/A240M in Grade 304 2B FINISH

Expanded Metal Lath & Block Work Expanded Mesh

- Manufactured to BS EN 13658-1& 2:2005 (formerly BS 1369: Part 1:1987)
ASTM C 847
- Galvanized Steel BS EN 10346:2009 (formerly BS EN 10142:1991) coating type: Z180-275
ASTM A 653/A 653M
- Stainless Steel BS EN 10088-2:2005 (which was direct equivalent to formerly
BS 1449:Part 2:1983 in Grade 304 2B FINISH)
ASTM A 240/A 240M in Grade 304 2B FINISH

Reinforcement Mesh

- Manufactured to BS EN 845-3:2003
ASTM A 951/A 951M
- Cold drawn steel for concrete/
masonry Reinforcement BS 4482:2005
ASTM A 496/A 496M, ASTM A 82/A 82M
- Hot dipped Galvanizing (After
fabrication) to BS EN ISO 1461:1999 (formerly BS 729)
ASTM A123/A 123M, A 153/A 153M
- Pre Galvanized Steel Wire BS EN 10244-2:2001 (formerly BS 443)
ASTM A 641/A 641M
- Stainless steel wire: BS EN 10088-3:2005 (which was direct equivalent to formerly
BS 1554:1990)
ASTM A 1022/A 1022M

Wall Ties

1 - Sheet

- Manufactured to BS EN 845-1:2003 (formerly BS 1243)
- Pre Galvanized Steel BS EN 10346:2009 (formerly BS EN 10142:1991)
ASTM A 653/A 653M
- Mild Steel BS EN 10149-3:1996
- Hot dipped Galvanizing to BS EN ISO 1461:1999 (formerly BS 729)
ASTM A123/A 123M, ASTM A153/A 153M
- Stainless Steel BS EN 10088-2:2005 (which was direct equivalent formerly
BS 1449: Part 2:1983 in Grade 304 2B FINISH)
ASTM A240/A 240 M in Grade 304 2B FINISH

2 - Wire

- Manufactured to BS EN 845-1:2003 (formerly BS 1243)
- Mild steel wire BS 1052:1980, BS 4482:2005
- Zinc Plated Wire BS EN 10244-2:2001 (formerly BS 1706)
ASTM A 641/A 641M
- Hot dipped Galvanizing to BS EN ISO 1461:1999 (formerly BS 729)
ASTM A 123/A 123M
- Stainless steel wire BS EN 10088-3:2005 (formerly BS 1554:1990)
ASTM A580/ A 580M

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:Z180-275

Drywall Beads

- Manufactured to BS EN 13568-1& 2:2005 (formerly BS 1369:Part 1:1987)
ASTM C 847
- Galvanized Steel BS EN 10346:2009 (formerly BS EN 10142:1991) coating type:Z180-275
ASTM A 653/A 653M
- Stainless Steel BS EN 10088-2:2005 (which was direct equivalent to formerly
BS 1449:Part 2:1983 in Grade 304 2B FINISH)
ASTM A240/A 240M in Grade 304 2B FINISH

Pullout Box

- Galvanized Steel BS EN 10346:2009 (formerly BS EN 10142:1991) coating type: Z180-275
ASTM A 653/A 653M

Storage Conditions

Please follow the below recommendations for storage Conditions:

- Store in covered and dry area.
- Avoid contact with sand, chemicals & water.



CERTIFICATE NO. - 31032251240



Reg. No. 80008961



ED 02 - M/Y 06/10

