

شبابك

**SHABAK**

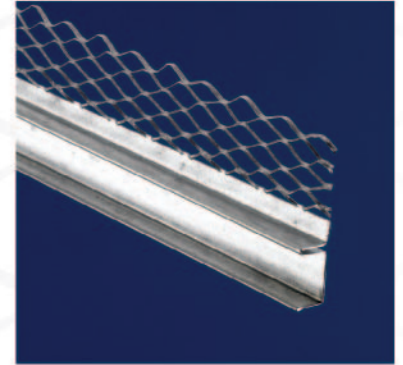
# SHABAK CONTENTS (INDEX)

## A) Introduction

- 3 - Company Profile

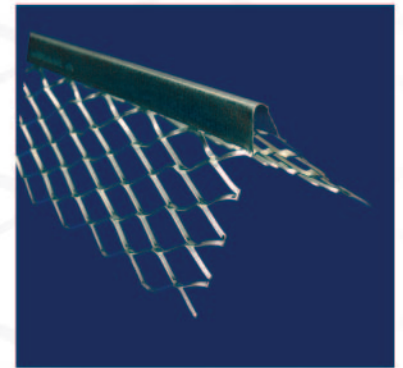
## B) Metal Beads

- 4 - Angle Beads
- 5 - Plaster Stop Beads
- 6 - Architrave Beads With Return
- 6 - Architrave Beads Without Return
- 7 - Movement Beads (Control Joint Beads)
- 8 - Installation Method



## C) Expanded Metal Laths

- 9 - Brick Reinforcement Coils & Strips
- 10 - Expanded Metal Lath (Sheets)
- 11 - Rib Lath Sheets
- 12 - Heavy Rib Lath Sheets
- 13 - Installation Method



## D) Bead & Profiles For Thin Coat Finishes & Dry Wall

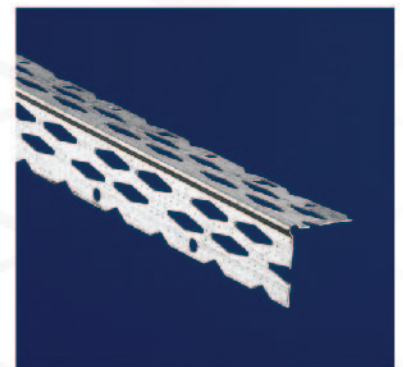
- 14 - Dry Wall & Thin Coat Corner Beads
- 15 - Stop Beads & Edging Beads

## E) Block Reinforcement

- 16 - Block Reinforcement Ladder Type
- 17 - Block Reinforcement Truss Type

## F) Block Wall Ties

- 18 - Block Wall Ties (Fish Tail & Dove Tail)
- 18 - Block Wall Ties (Butterfly)



## G) Product Information & Specification

- 19 - Product Information





**Afrah Al Khaleej General Trading & Contracting Company** was established in 1991, going on to become a pioneer in the sector of building materials in Kuwait. Since inception, the company's founders insisted on quality which went on to enable the company to acquire a solid reputation for its products and services in the market. Thanks to the company's visionary management, the company took it upon itself to establish a manufacturing unit for expanded metal lath and accessories in 2017 to meet the ever-increasing demand for building materials in the country.

As a result of this the new brand **SHABAK** was created, which went on to fill the customer needs and market demands, amplifying the company's leading position in the market more than ever.

**SHABAK** currently produces Plaster's angle beads, expanded metal lathing, brick reinforcement coil, accessories & other metal products that are used specifically in plastering, rendering and building applications.

By establishing the manufactory, the company undertook an ambitious self development challenge that reinforced its corporated standing and made it a dynamic force in the market.

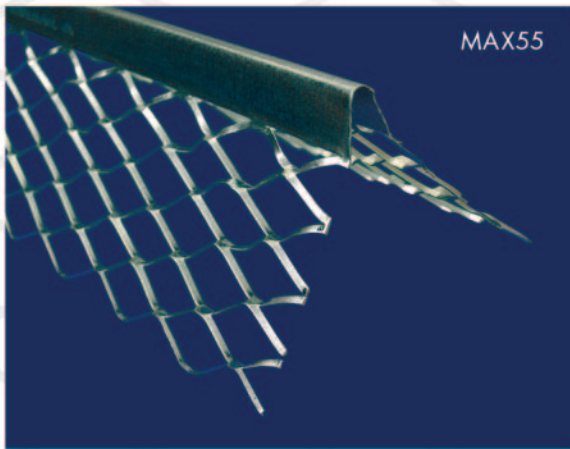
**SHABAK** that now offers the most comprehensive range of plastering, rendering, dry lining and metal works associated products in both galvanized steel and stainless-steel profiles, enjoys a distinguished reputation with clients, suppliers and other business associates.

Through the unwavering commitment and dedication of **SHABAK**'s professional sales and technical support team, coupled with a well-planned and established distribution system, the company was able to contribute in the designing and supply of standard and specialized profiles to satisfy the project and retail requirements in the market it caters to.

Knowing that by providing customers with exceptional service, quality and value the company will strengthen and will deliver exceptional returns to the founders and partnes, **SHABAK** continues its success story and will pursue its non-stop quest for growth and distinctiveness.



# SHABAK ANGLE BEADS



**SHABAK** Angle Beads provide a true, straight arris that protects and reinforces plaster where it is most vulnerable. The expanded metal wings ensure that the bead is firmly embedded in the plaster.

Galvanised Angle Beads are for use when plastering internally & externally; manufactured to BS EN 13658 : Part 1 & 2 : 2005 from Galvanised Steel to BS EN 10346 : 2015 DX51D + Z275.

**INTERNAL & EXTERNAL RENDERING**  
Stainless Steel Beads are recommended for use when applying rendered polymer modified finishes or a sand cement finish.

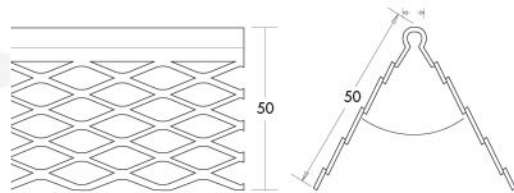
The Stainless Steel Beads meet with the requirements of BS EN 13658 : Part 1 & 2 : 2005.

All Stainless Steel Beads are manufacturing from BS EN 10088 - 4 grade 1.4301.

## FIXING ADVICE

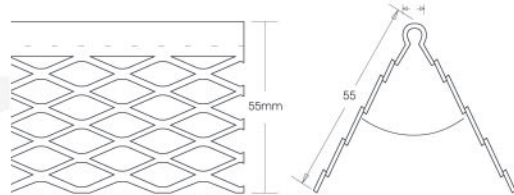
Please ensure when fixing Stainless Steel Beads that Galvanised Nails are not used as this will lead to rust spots.

LWG50 / LWS 50 50mm Long Wing Angle Bead



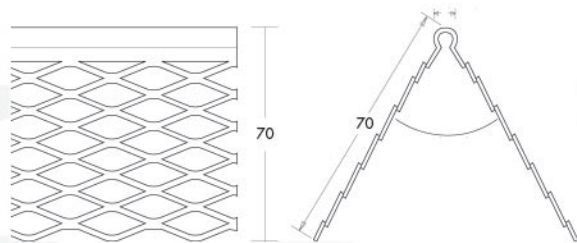
MAX55

55mm Long Wing Angle Bead



LWG70 / LWS 70

70mm Long Wing Angle Bead



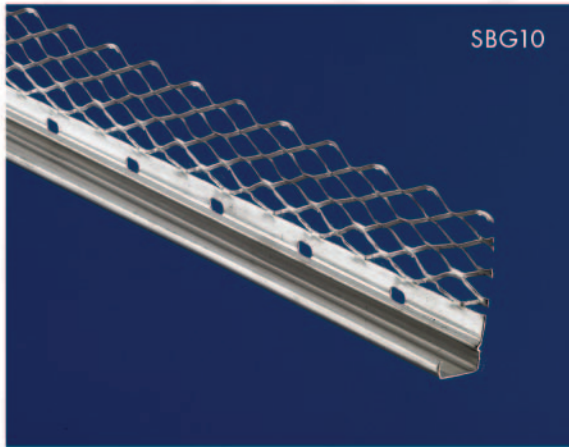
## GALVANISED STEEL

Galvanised Steel	Description	Length (m)	Qty/box
SAB50	50mm Long Wing	3.0	50
SABMAX55	55mm Long Wing	3.0	50
SAB70	70mm Long Wing	3.0	25

## STAINLESS STEEL

Stainless Steel	Description	Length (m)	Qty/box
SLWS53	53mm Long Wing	3.0	25
SLWS64	64mm Long Wing	3.0	25

# SHABAK STOP BEADS



**SHABAK** Stop Bead profile provides the ideal answer to finishing the edges of plaster/render work. The straight edge of the profile ensures an accurate finish line whilst protecting the plaster where it is most vulnerable.

## INTERNAL & EXTERNAL PLASTERING

Galvanised Stop Beads are for use when plastering internally & externally; manufactured to BS EN 13658 : Part 1 & 2 : 2005 from Galvanised Steel to BS EN 10346 : 2015 DX51D + Z275.

## INTERNAL & EXTERNAL RENDERING

Stainless Steel Beads are recommended for use when applying an internal & external render, polymer modified finishes or a sand cement finish.

The Stainless Steel beads meet with the requirements of BS EN 13658 : Part 1 & 2 : 2005.

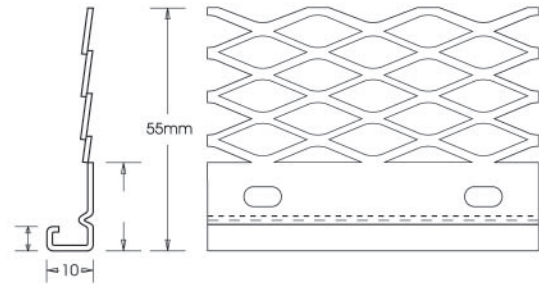
All Stainless Steel beads are manufactured from BS EN 10088 - 4 grade 1.4301.

## FIXING ADVICE

Please ensure when fixing Stainless Steel Beads that Galvanised Nails are not used as this will lead to rust spots.

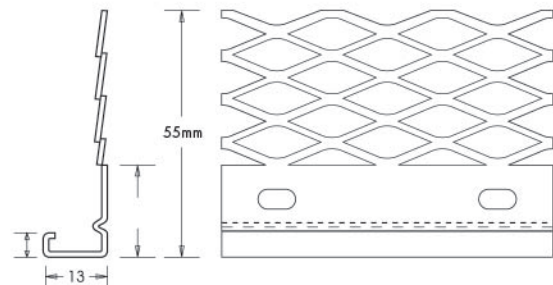
SBG10/SBS10

10mm Stop Bead



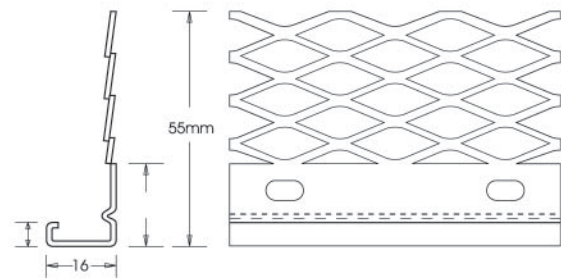
SBG13/SBS13

13mm Stop Bead



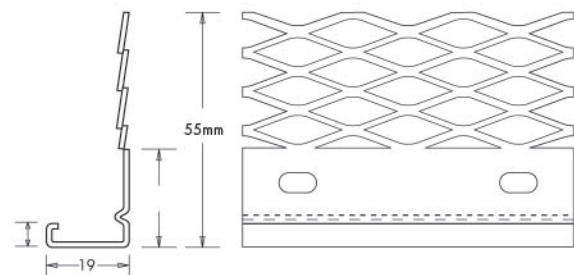
SBG16/SBS16

16mm Stop Bead



SBG19/SBS19

19mm Stop Bead



## GALVANISED STEEL

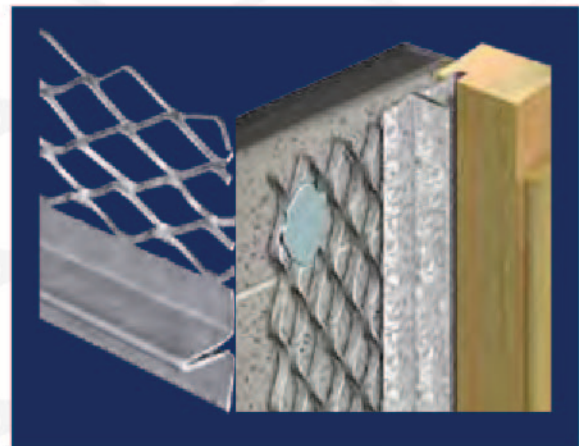
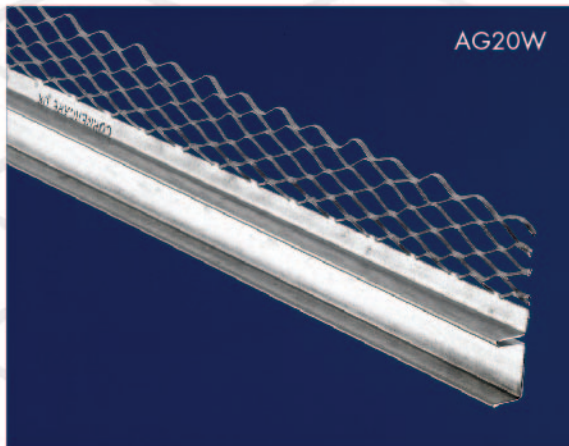
Galvanised Steel	Description	Length (m)	Qty/box
SPS10	10mm Stop Bead	3.0	50
SPS13	13mm Stop Bead	3.0	50
SPS16	16mm Stop Bead	3.0	50
SPS19	19mm Stop Bead	3.0	50

## STAINLESS STEEL

Stainless Steel	Description	Length (m)	Qty/box
SPSS10	10mm Stop Bead	3.0	25
SPSS13	13mm Stop Bead	3.0	25
SPSS16	16mm Stop Bead	3.0	25
SPSS19	19mm Stop Bead	3.0	25



# SHABAK ARCHITRAVE BEADS



**SHABAK** Architrave Beads are designed to act as a plaster stop profile whilst creating a shadow-like recess around doorframes, ceilings and varying wall finishes. The Architrave bead will increase the speed of installation and finishing process dramatically.

## INTERNAL & EXTERNAL PLASTERING

Galvanised Architrave Beads are for use when plastering internally & externally; manufactured to BS EN 13658 : Part 1 & 2 : 2005 from Galvanised Steel to BS EN 10346 : 2015 DX51D + Z275.

## INTERNAL & EXTERNAL RENDERING

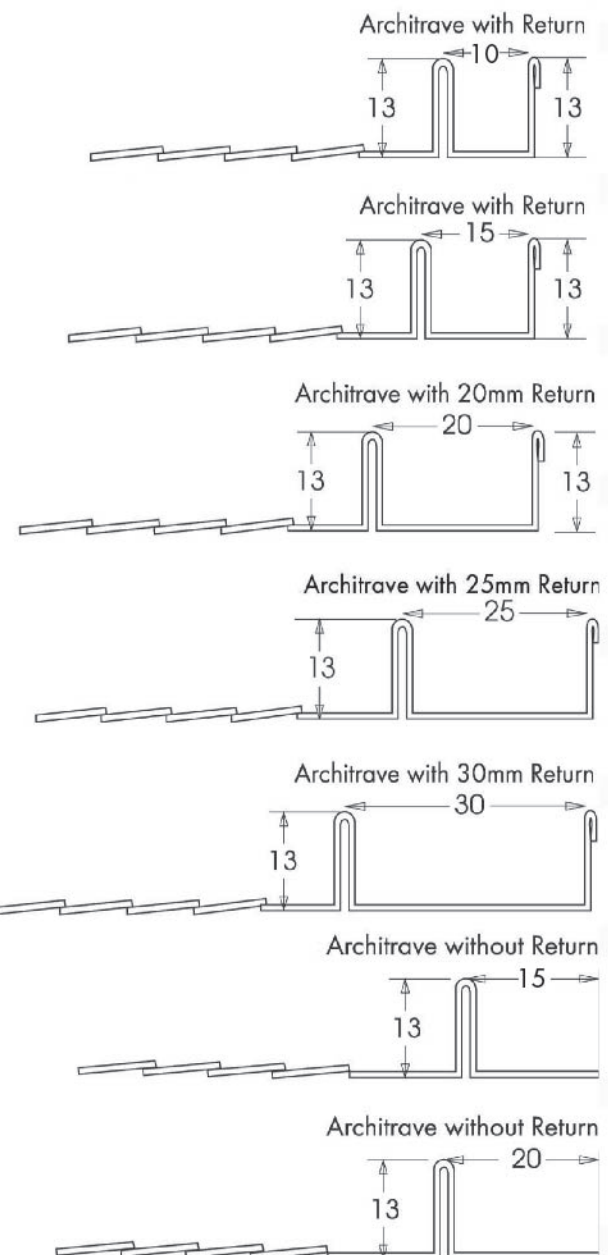
Stainless Steel Architrave Beads are recommended for use when applying an internal & external render, polymer modified finishes or a sand cement finish. The Stainless Steel beads meet with the requirements of BS EN 13658 : Part 1 & 2 : 2005. All Stainless Steel beads are manufactured from BS EN 10088 - 4 grade 1.4301.

## FIXING ADVICE

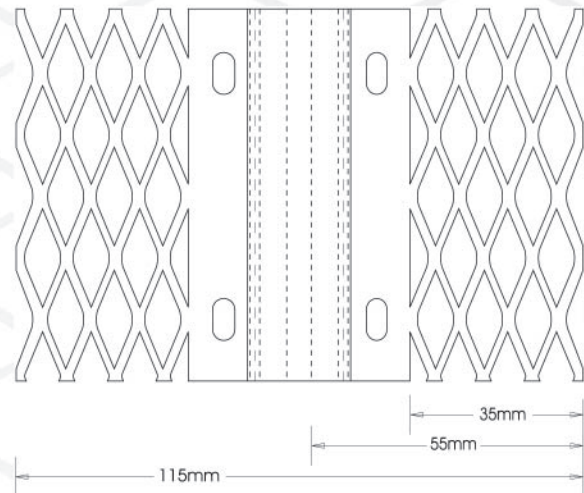
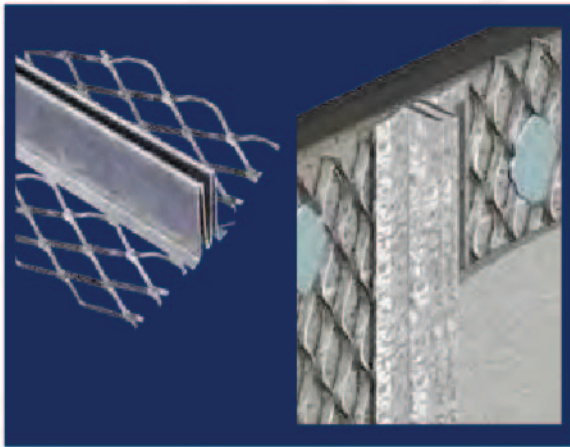
Please ensure when fixing Stainless Steel Beads that Galvanised Nails are not used as this will lead to rust spots.

## GALVANISED STEEL

Galvanised Steel	Description	Length (m)	Qty/box
SAR10	10mm Architrave with Return	3.0	25
SAR15	15mm Architrave with Return	3.0	25
SAR20	20mm Architrave with Return	3.0	25
SAR25	25mm Architrave with Return	3.0	25
SAR30	30mm Architrave with Return	3.0	25
SAR15	15mm Architrave without Return	3.0	25
SAR20	20mm Architrave without Return	3.0	25



# SHABAK MOVEMENT BEADS (CONTROL JOINT BEADS)



**SHABAK** Movement Bead /control joint provides a solution to thermal movement in plaster and rendered finishes. When placed vertically at predetermined centres provides a 6mm movement reducing the possibility of cracking.

## INTERNAL & EXTERNAL PLASTERING

Galvanised Movement Beads are for use when plastering internally & externally; manufactured to BS EN 13658 : Part 1 & 2 : 2005 from Galvanised Steel to BS EN 10346 : 2015 DX51D + Z275.

## INTERNAL & EXTERNAL RENDERING

Stainless Steel Movement Beads are recommended for use when applying an internal & external render, polymer modified finishes or a sand cement finish. The Stainless Steel Beads meet with the requirements of BS EN 13658 : Part 1 & 2 : 2005. All Stainless Steel Beads are manufactured from BS EN 10088 - 4 grade 1.4301.

## FIXING ADVICE

Please ensure when fixing Stainless Steel Beads that Galvanised Nails are not used as this will lead to rust spots.



## GALVANISED STEEL

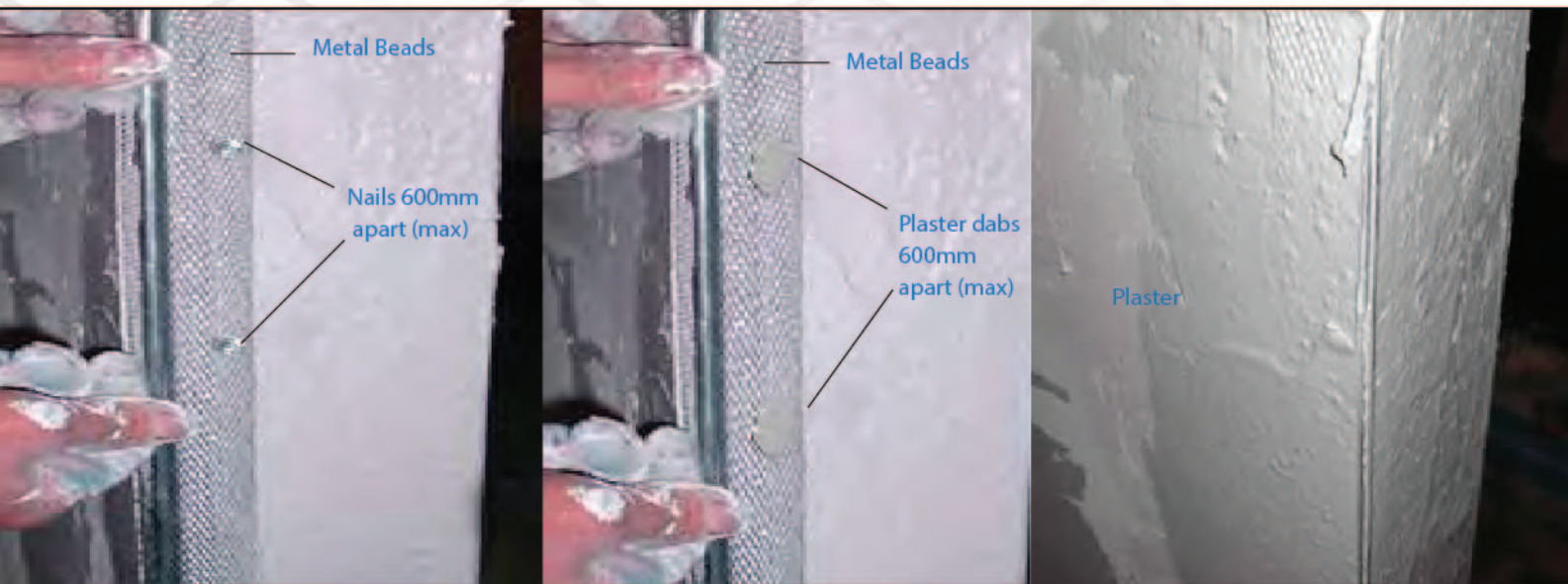
Galvanised Steel	Description	Length (m)	Qty/box
SCJB13	13mm Movement Bead	3.0	10
SCJB21	19mm Movement Bead	3.0	10

## STAINLESS STEEL

Stainless Steel	Description	Length (m)	Qty/box
SCJB13	13mm Movement Bead	3.0	10
SCJB21	19mm Movement Bead	3.0	10



# SHABAK INSTALLATION METHOD



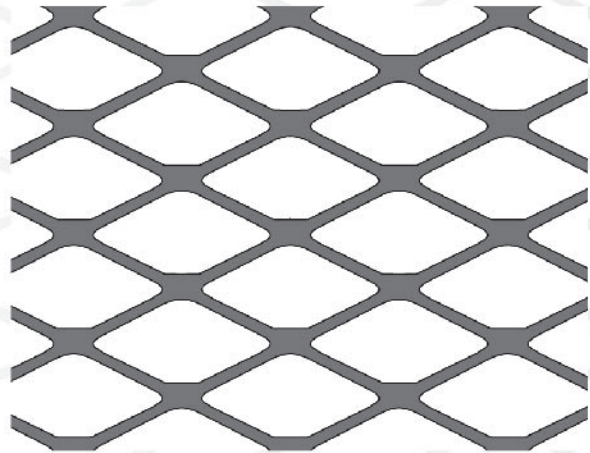
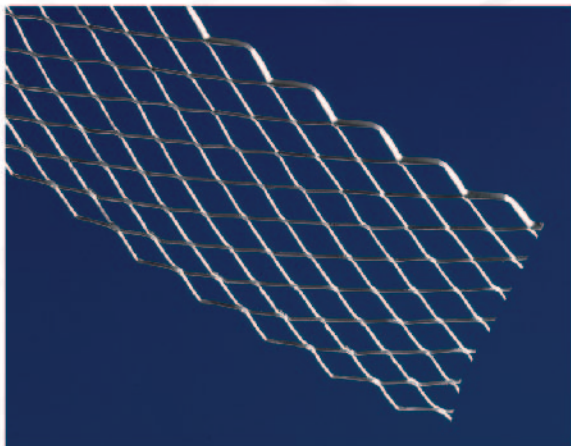
**1** Using galvanized or stainless steel nails (compatible with bead material), fixed at a maximum of 600mm apart. When nailing to a solid background, the line of the bead will follow the line of the background.

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

**3** 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.

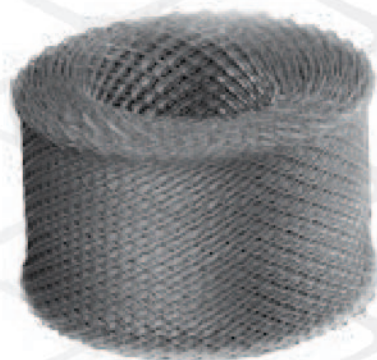


# SHABAK EXPANDED REINFORCEMENT COIL & STRIP



**SHABAK** Expanded Reinforcement Coil & Strip has numerous applications in all types of building where additional strength is required within the coarse work. Used regularly to reduce cracking within brick and block masonry, coil mesh when embedded in the mortar joint, forms an integral structure of great tensile strength which will assist in the resistance to stresses, vibrations and thermal changes.

A wide variety of sizes are available which will satisfy most wall thicknesses, laid on the mortar bed with 25mm clearance to the outside face of the wall and lapped at least 75mm when joining lengths. The reinforcement is then embedded completely and for most applications every third coarse for the full length of the wall is sufficient.



## INTERNAL & EXTERNAL WALLS

Galvanised Reinforcement coil is used for inner leaf work; manufactured from galvanised steel to BS EN 10346 : 2015 DX51D + Z275.

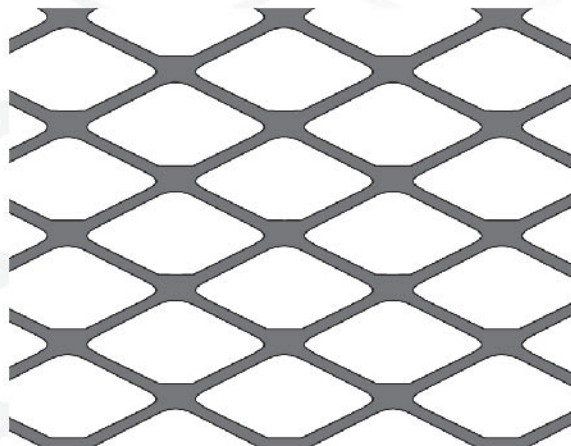
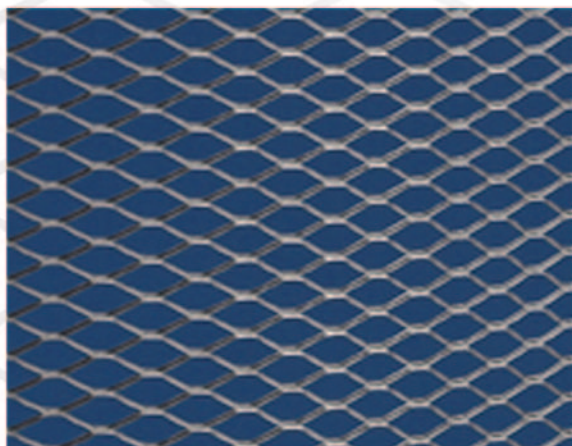
### GALVANISED STEEL

Ref	Description	Nominal Kilos per m2	Length
SCOIL	100 /150/200/250 mm wide expanded mesh	0.550	50-100 mtr
SCOIL	100 /150/200/250 mm wide expanded mesh	0.750	50-100 mtr
SCOIL	100 /150/200/250 mm wide expanded mesh	0.910	50-100 mtr
SCOIL	100 /150/200/250 mm wide expanded mesh	1.100	50-100 mtr
SCOIL	100 /150/200/250 mm wide expanded mesh	1.610	50-100 mtr

### GALVANISED STEEL

Ref	Description	Nominal Kilos per m2	Length
SSTRIP	100 /150/200 mm wide expanded mesh	0.550	2.440 mtr
SSTRIP	100 /150/200 mm wide expanded mesh	0.750	2.440 mtr
SSTRIP	100 /150/200 mm wide expanded mesh	0.910	2.440 mtr
SSTRIP	100 /150/200 mm wide expanded mesh	1.100	2.440 mtr
SSTRIP	100 /150/200 mm wide expanded mesh	1.610	2.440 mtr
SSTRIP	100 /150/200 mm wide expanded mesh	1.810	2.440 mtr

# SHABAK EXPANDED METAL LATH



**SHABAK** Expanded Metal Lathing and Mesh products are used to provide a suitable key for plaster and rendered finishes including joint and crack reinforcement and general refurbishment.

Easy to install and fix, expanded Metal can be used to provide reinforcement for curved surfaces and steel columns where fire protection is required.

Areas such as suspended ceilings where longer spans are required between steel supports

**SHABAK** expanded metal lath is manufactured in accordance with BS 1369 : Part 1 : 1987.

## INTERNAL & EXTERNAL USE

Galvanised Lath is used for internal & external plaster work; manufactured from galvanised steel to BS EN 10346 : 2015 DX51D + Z275.

## INTERNAL & EXTERNAL USE

Stainless steel lath is recommended for use in areas with high humidity, moisture. All stainless steel lath products are manufactured from BS EN 10088 - 4 grade 1.4301.

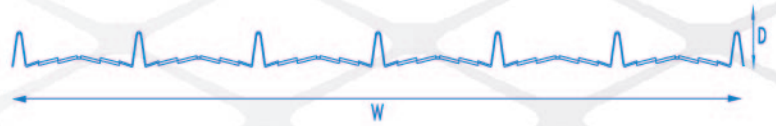
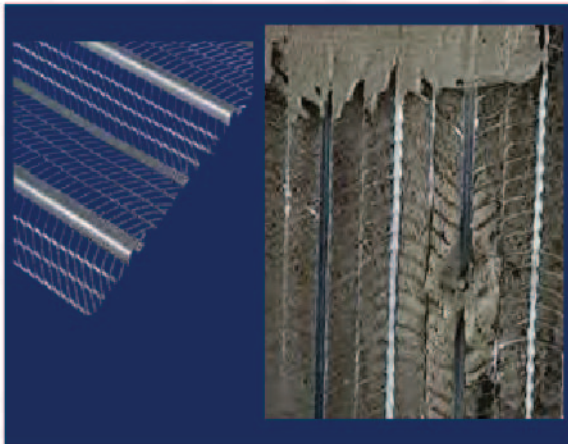
## FIXING ADVICE

Please ensure when fixing stainless steel lath that galvanised nails are not used as this will lead to rust spots.

Reference Number	Nominal Kilos per m2	Size (Roll Width x Length)
<b>GALVANISED STEEL METAL LATH SHEETS</b>		
SESHEET	0.500	2440mm x 600mm
SESHEET	0.750	2440mm x 600mm
SESHEET	0.910	2440mm x 600mm
SESHEET	1.100	2440mm x 600mm
SESHEET	1.200	2440mm x 600mm
SESHEET	1.360	2440mm x 600mm
SESHEET	1.610	2440mm x 600mm
SESHEET	1.810	2440mm x 600mm
<b>STAINLESS STEEL METAL LATH SHEETS</b>		
ELS426	1.10	2440mm x 600mm



# SHABAK RIB LATH SHEETS



**SHABAK** Rib Lath is a specially designed expanded metal lath which provides an excellent key for finishing materials on masonry walls, ceilings, suspended ceilings and stud wall partitions.

This lath has an integral stiffening ribs roll-formed during manufacturing. The mesh areas of the lath are expanded. The Rib lath is easy to handle and can be cut with hand shears and bent to the required angles.

Special lengths are available upon request. Weight in kg/m<sup>2</sup> Note: All dimensions are in mm.

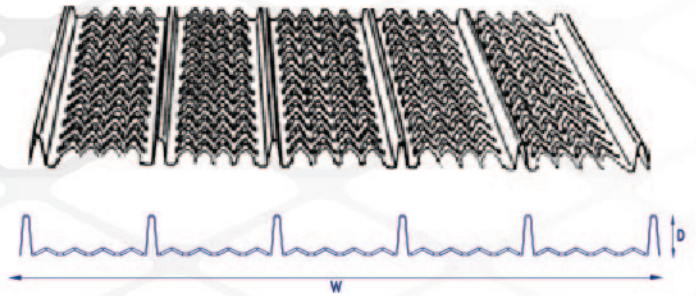
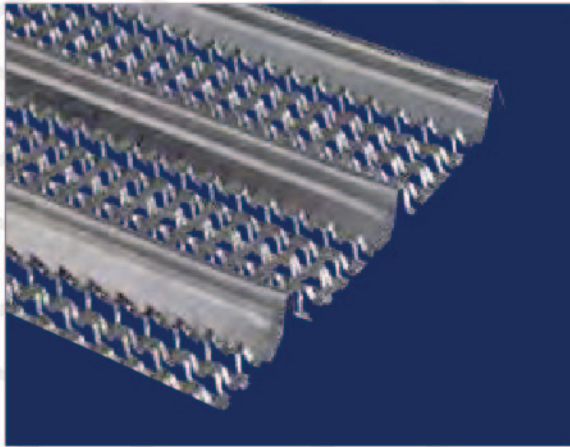
## GALVANISED STEEL

Galvanised Steel	Weight Kilos per m <sup>2</sup>	Rib Depth	Width	Length (m) 3.0
SRL 1.4	1.48	10	600	2500
SRL 1.6	1.60	10	600	2500
SRL 1.8	1.84	10	600	2500
SRL 2.2	2.22	10	600	2500

## STAINLESS STEEL

Galvanised Steel	Weight Kilos per m <sup>2</sup>	Rib Depth	Width	Length (m) 3.0
SRL 1.4 S	1.48	10	600	2500
SRL 1.6 S	1.60	10	600	2500
SRL 1.8 S	1.84	10	600	2500

# SHABAK HEAVY RIB LATH SHEETS



**SHABAK** Heavy Rib is used widely in the construction work for joints, stop-end, retaining walls and columns. It creates a strong bond base for successive pours. Heavy 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. Heavy 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.

## 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 is required.

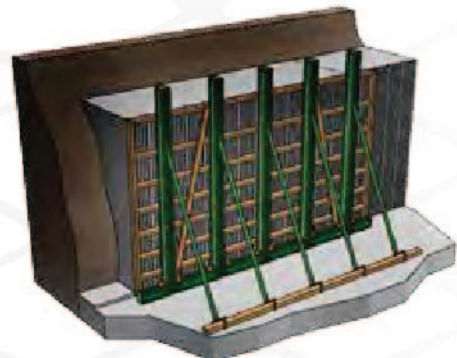
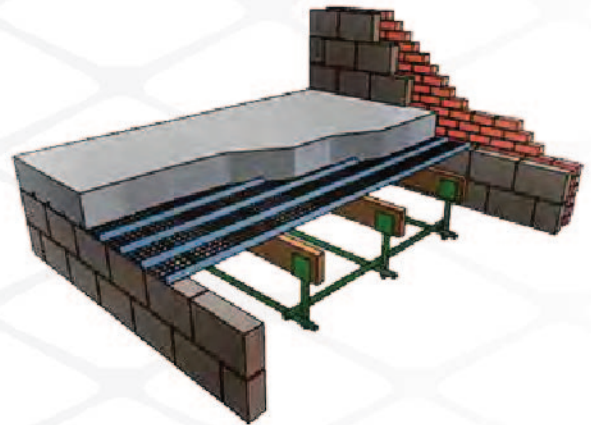
## KEY BENEFITS:

Heavy Rib achieves significant reduction in the concrete pressures normally associated with conventional formwork. Heavy Rib can be installed more quickly than plywood or steel formwork.

Heavy 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, Heavy Rib is readily cut to accommodate the rods. The combination of Heavy Rib with the concrete creates a bonding surface for the next pour.

Heavy Rib eliminates preparation of the joint surface, so reinforcement fixing can continue without a break. Heavy Rib allows a high rate of rise of concrete. Heavy Rib enables the pour to be visually monitored. Heavy Rib reduces the risk of voids and honeycombing.



## GALVANISED STEEL

Galvanised Steel	Weight Kilos per m2	Rib Depth	Width	Length (m) 3.0
SHRL	3.39	21	445	2200
SHRL	4.86	21	445	2200
SHRL	6.34	21	445	2200



# SHABAK INSTALLATION METHOD



**1**

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

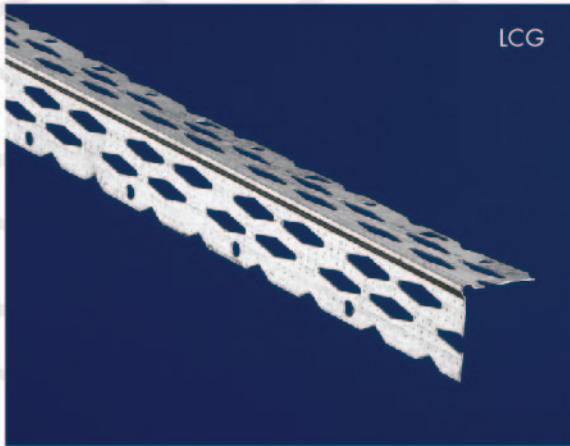
**2**

Prepare the line of electrical, sanitary or water supply and fill the gap fully with cement mortar. Prepare the surface rough and fix expanded lath firmly by washers & nails at a distance which it should be rigid. Washers & nails should be of the same material.

**3**

Use Lath of correct size to cover the full area. Avoid using lath in series or overlapping.

# SHABAK DRY WALL & THIN COAT COAT CORNER BEADS



The **SHABAK** range of beads provide protection to the edges of the finish reducing the possibility of damage to the plasterboard. Where corners require an obtuse angle of 135 degrees, profile LCG135 can be used.

The profile is pre set at this angle and designed to speed up installation and protect corners usually exposed to high traffic areas. The Mini Mesh range of beads are designed for use when plastering slab, block work or rough surfaces which need a thin coat finish.

## INTERNAL & EXTERNAL PLASTERING

Galvanised Dry Wall and Thin Coat Beads are for use when plastering internally & externally; manufactured to BS EN 13658 : Part 1 & 2 : 2005 from Galvanised Steel to BS EN 10346 : 2009 DX51D + Z275.

## INTERNAL & EXTERNAL RENDERING

Stainless Steel Thin Coat Beads are recommended for use when applying a rendered polymer modified finish. The Stainless Steel Beads meet with the requirements of BS EN 13658 : Part 1 & 2 : 2005.

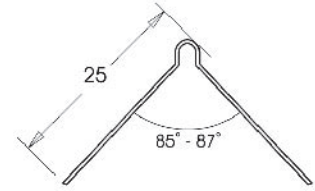
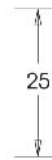
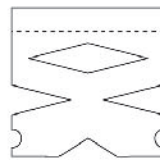
All Stainless Steel Beads are manufacturing from BS EN 10088 - 4 grade 1.4301.

## FIXING ADVICE

**Please ensure when fixing Stainless Steel Beads that Galvanised Nails are not used as this will lead to rust spots.**

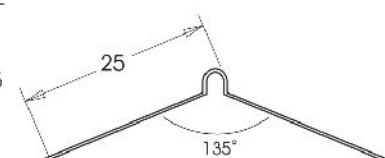
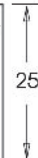
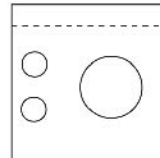
LCG

25mm Long Wing Thin Coat Bead



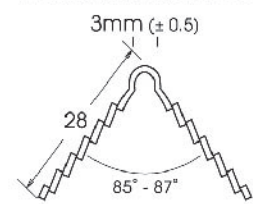
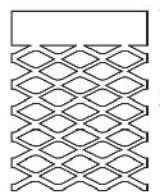
LCG135

25mm Wing 135° Angle Thin Coat Bead



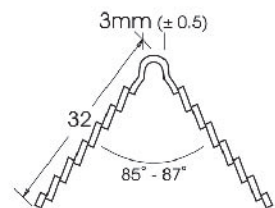
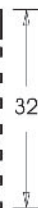
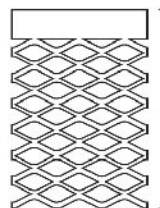
MMG

28mm Mini Mesh Bead



LMG

32mm Mini Mesh Bead



## GALVANISED STEEL

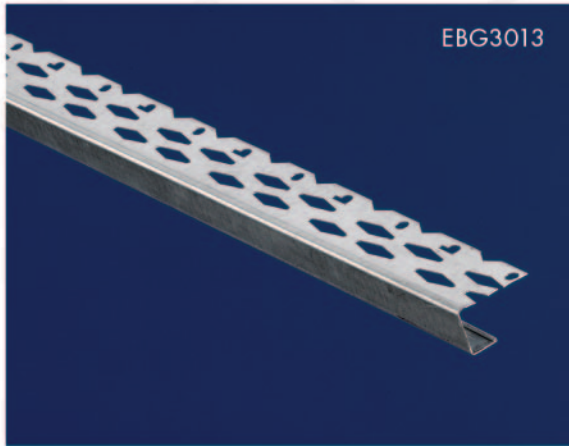
Galvanised Steel	Description	Length (m)	Qty/box
LCG	25mm Thin Coat Bead	• 3.0	50
LCG135	135° Thin Coat Bead	• 3.0	10
MMG	28mm Mini Mesh Bead	• 3.0	50
LMG	32mm Mini Mesh Bead	• 3.0	50

## STAINLESS STEEL

Stainless Steel	Description	Length (m)	Qty/box
2274	25mm Thin Coat Bead	• 2.5	25



# SHABAK STOP BEADS & EDGING BEADS



The **SHABAK** range of Stop & Edge Beads are designed to reinforce the edges of plasterboard.

The edges of the perforated face must be fixed flush to the face of the board prior to finishing.

The edge bead profile is fixed to the board whilst in the process of installation, and provides edge protection at ceiling heads or window reveals.

## INTERNAL & EXTERNAL PLASTERING

Galvanised Stop & Edge Beads are for use when plastering internally & externally ; manufactured to BS EN 13658 : Part 1 & 2 : 2005 from Galvanised Steel to BS EN 10346 : 2009 DX51D + Z275.

## INTERNAL & EXTERNAL RENDERING

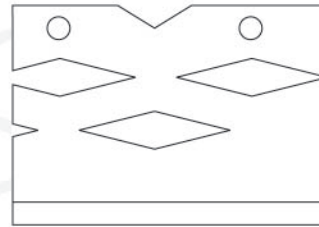
Stainless Steel Stop & Edge Beads are recommended for use in areas with high humidity, moisture or continuous levels of cleaning.

All Stainless Steel beads are manufactured from BS EN 13658 : Part 1 & 2 : 2005 and are produced in accordance with BS EN 10088 - 4 grade 1.4301.

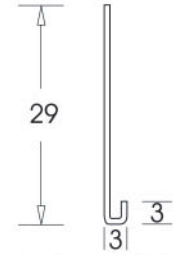
## FIXING ADVICE

**Please ensure when fixing Stainless Steel Beads that Galvanised Nails are not used as this will lead to rust spots.**

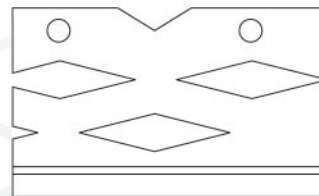
SBG3/21<sup>a</sup>



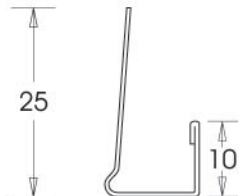
3mm Stop Bead



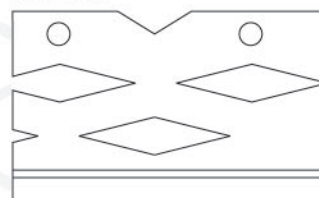
EBG3010



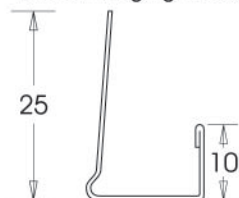
9.5mm Edging Bead



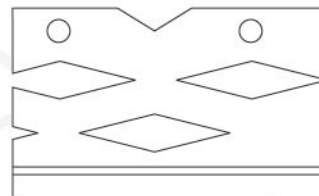
EBG3013



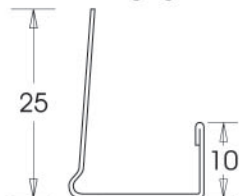
12.5mm Edging Bead



EBG3015



15mm Edging Bead



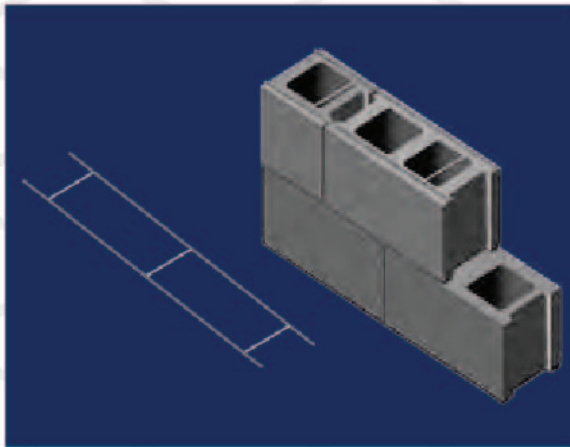
## GALVANISED STEEL

Galvanised Steel	Description	Length (m)	Qty/box
SBG3	3mm Stop Bead	3.0	50
SBG6	6mm Stop Bead	•	50
SEBG3010	9.5mm Edging Bead	•	50
SEBG3013	12.5mm Edging Bead	•	50
SEBG3015	15mm Edging Bead	•	50

## STAINLESS STEEL

Stainless Steel	Description	Length (m)	Qty/box
2136	3mm Stop Bead	2.5	25
2135	6mm Stop Bead	•	25

# SHABAK BLOCK REINFORCEMENT LADDER TYPE



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

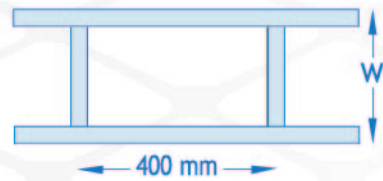
MANUFACTURED  
BS EN 845-3:2003 ASTM A951 / A951M

COLD DRAWN STEEL FOR CONCRETE/  
MASONRY REINFORCEMENT  
BS 4482:2005  
ASTM A1064/A1064M (formerly ASTM A82 / A82M)

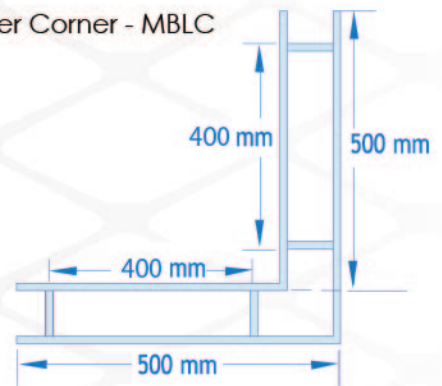
HOT DIP GALVANIZING AFTER FABRICATION (HDGAF)  
BS EN ISO 1461:1999 (formerly BS 729)  
ASTM A123 / A123M, A153 / A153M / Zinc Coating 275 G/M<sup>2</sup>- 460 G/M<sup>2</sup>

GALVANIZED STEEL WIRE  
BS EN 10244-2:2001 (formerly BS 443)  
ASTM A641 / A641M / Zinc Coating 275 G/M<sup>2</sup>- 460 G/M<sup>2</sup>

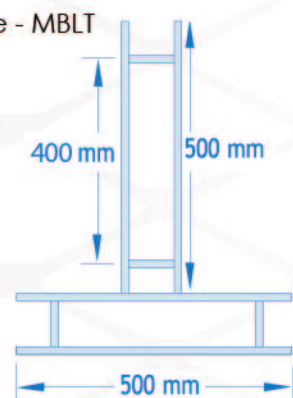
STAINLESS STEEL WIRE  
BS EN 10088-3:2005 (formerly BS 1554:1990) Grade  
304,316,316L  
ASTM A580 / A 580M  
ASTM A1022 / A1022M, Grade 304, 316, 316L



Ladder Corner - MBLC



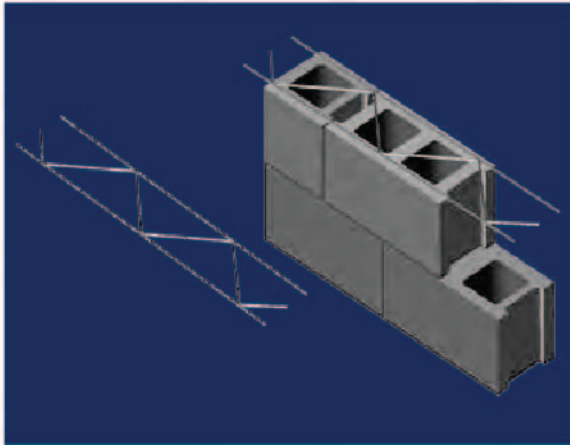
Ladder Tee - MBLT



Reference	Width	Length	Diameter of Rod (MM)	Material
SBL 50	50	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBL 75	75	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBL 100	100	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBL 150	150	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBL 200	200	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBL 250	250	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBL 50 S	50	3000	3.7 or 4.8	Stainless Steel(Plain/Deformed)
SBL 100 S	100	3000	3.7 or 4.8	Stainless Steel(Plain/Deformed)
SBL 150 S	150	3000	3.7 or 4.8	Stainless Steel(Plain/Deformed)
SBL 200 S	200	3000	3.7 or 4.8	Stainless Steel(Plain/Deformed)
SBL 250 S	250	3000	3.7 or 4.8	Stainless Steel(Plain/Deformed)



# SHABAK BLOCK REINFORCEMENT TRUSS TYPE



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

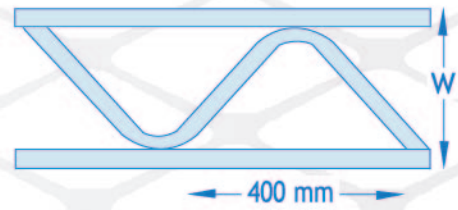
MANUFACTURED  
BS EN 845-3:2003 ASTM A951 / A951M

COLD DRAWN STEEL FOR CONCRETE/  
MASONRY REINFORCEMENT  
BS 4482:2005  
ASTM A1064/A1064M (formerly ASTM A82 / A82M)

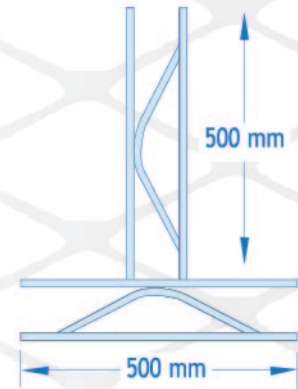
HOT DIP GALVANIZING AFTER FABRICATION (HDGAF)  
BS EN ISO 1461:1999 (formerly BS 729)  
ASTM A123 / A123M, A153 / A153M / Zinc Coating 275 G/M<sup>2</sup>- 460 G/M<sup>2</sup>

GALVANIZED STEEL WIRE  
BS EN 10244-2:2001 (formerly BS 443)  
ASTM A641 / A641M / Zinc Coating 275 G/M<sup>2</sup>- 460 G/M<sup>2</sup>

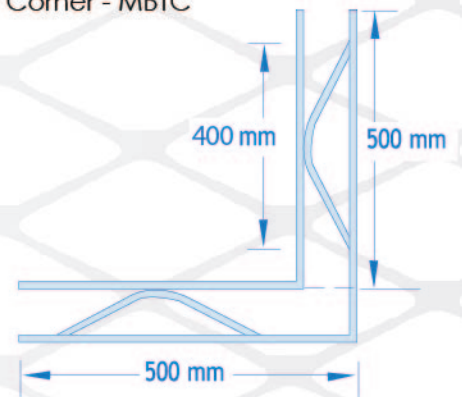
STAINLESS STEEL WIRE  
BS EN 10088-3:2005 (formerly BS 1554:1990) Grade 304,316,316L  
ASTM A580 / A 580M  
ASTM A1022 / A1022M, Grade 304, 316, 316L



Truss Tee - MBTT

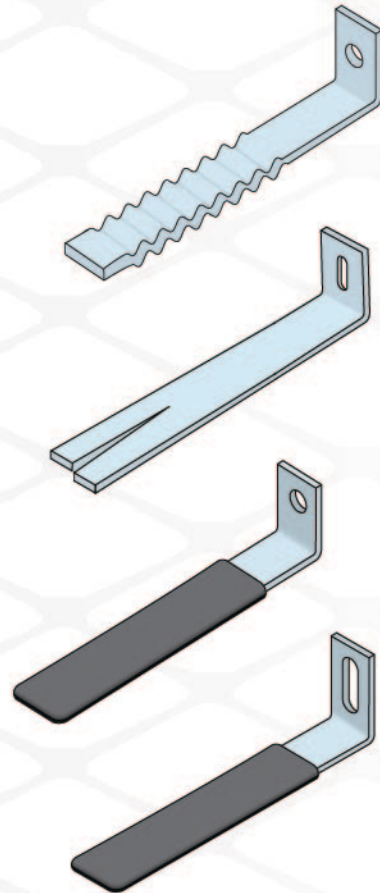
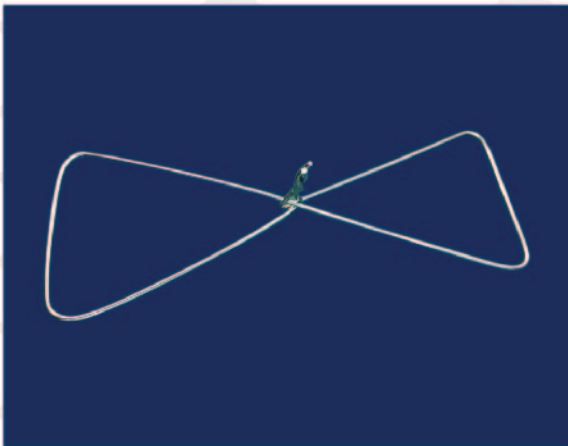


Truss Corner - MBTC



Reference	Width	Length	Diameter of Rod (MM)	Material
SBT 50	50	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBT 75	75	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBT 100	100	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBT 150	150	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBT 200	200	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBT 250	250	3000	3.7 or 4.8	Galvanized / HDG(Plain/Deformed)
SBT 50 S	50	3000	3.7 or 4.8	Stainless Steel(Plain/Deformed)
SBT 100 S	100	3000	3.7 or 4.8	Stainless Steel(Plain/Deformed)
SBT 150 S	150	3000	3.7 or 4.8	Stainless Steel(Plain/Deformed)
SBT 200 S	200	3000	3.7 or 4.8	Stainless Steel(Plain/Deformed)
SBT 250 S	250	3000	3.7 or 4.8	Stainless Steel(Plain/Deformed)

# SHABAK BLOCK WALL TIES



**SHABAK** 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.

## MATERIAL SPECIFICATION

Hot dipped galvanized steel conforming to BS EN ISO 1461:1999 (formerly BS 729)

JIS G3302 / 98 SGCC (or) ASTM A653, Zinc Coating Z245 G/M<sup>2</sup> - 460 G/M<sup>2</sup>

Non - Standard sizes upon request.

### WALL TIES (Fish Tail & Dove Tail)

Reference	Thickness	Width	Length	Material
SWT1.0	1.0 MM	15 MM / 20 MM / 25 MM / 30 MM / 40 MM / 50 MM	150 MM / 200 MM / 250 MM	Galvanized Steel HDG
SWT1.5	1.5 MM	15 MM / 20 MM / 25 MM / 30 MM / 40 MM / 50 MM	150 MM / 200 MM / 250 MM	Galvanized Steel HDG
SWT2.0	2.0 MM	15 MM / 20 MM / 25 MM / 30 MM / 40 MM / 50 MM	150 MM / 200 MM / 250 MM	Galvanized Steel HDG
SWT3.0	3.0 MM	15 MM / 20 MM / 25 MM / 30 MM / 40 MM / 50 MM	150 MM / 200 MM / 250 MM	Galvanized Steel HDG

### WALL TIES (Butterfly)

Reference	Diameter	Length	Material
SWTB3.0	3.0 MM	150 MM / 200 MM / 250 MM / 300 MM	Galvanized Steel HDG
SWTB4.0	4.0 MM	150 MM / 200 MM / 250 MM / 300 MM	Galvanized Steel HDG
SWTB5.0	5.0 MM	150 MM / 200 MM / 250 MM / 300 MM	Galvanized Steel HDG



# SHABAK PRODUCT INFORMATION

## MATERIALS

**SHABAK** Galvanised Bead for Plaster, Plasterboard and Render.

**SHABAK** Galvanised Expanded Brick Reinforcement and Expanded Lath.

Manufactured from Galvanised Steel to BS EN 10346 : 2015 DX51D + Z275.

**SHABAK** Stainless Steel Bead.

**SHABAK** Stainless Steel Expanded Brick Reinforcement/Expanded Lath.

Manufactured from Austenitic Stainless Steel to BS EN 10088 - 4 grade 1.4301.

## SPECIFICATION/BRITISH STANDARD

BS EN 13658-1:2005 - Metal lath and beads - Definitions, requirements and test method,  
Part 1: Internal plastering.

BS EN 13658-2:2005 - Metal lath and beads - Definitions, requirements and test method,  
Part 2: External rendering.

BS EN 13914-1:2005 - Design, preparation and application of external rendering and internal plastering,  
Part 1: External rendering.

BS EN 13914-2:2005 - Design, preparation and application of external rendering and internal plastering,  
Part 2: Design considerations and essential principals for internal plastering.

BS 8212: 1995 - Code of Practise for Dry Lining and Partitioning using Gypsum Plasters.

BS 2989

BS 729

## INSTALLATION OF BEADS

Choose your Beads to suit their application internal/external and the plaster/render thickness to be used. If it is necessary to cut the beads to length, the nose of the bead should be cut with a fine tooth saw and the wings with tinman's shears. To join two lengths of bead, a dowel can be made and inserted in the hollow of the bead to ensure a true alignment.

Fixing beads within plasterwork: fixing is quick and simple. Apply dabs at 600mm centres then press the expanded/perforated wings into the plaster dabs. The bead is then plumbed and squared sufficiently to ensure the required thickness of plaster. Beads may also be fixed with galvanised/stainless steel nails or wire-tied when used on metal lath.

Fixing Beads with Render: fixing is generally as described above, it is important that render is used for dab fixing and not plaster. When stainless steel beads are being fixed with nails, these should be in stainless steel and stainless steel wire should be used when tying stainless steel lathing.

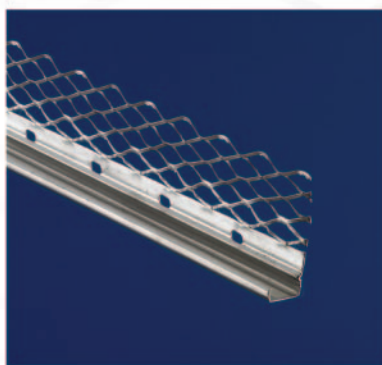
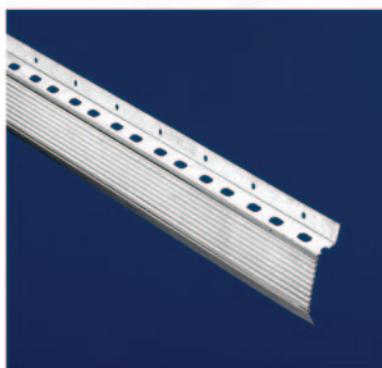
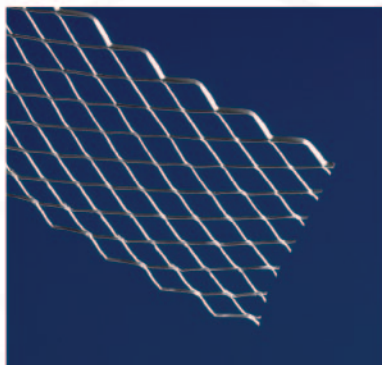
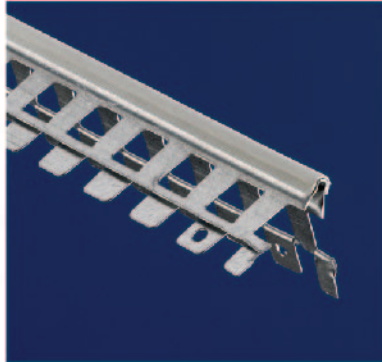
## DELIVERY/STORAGE

**SHABAK** Efficient manufacturing and consistent levels of stock ensure a fast, prompt response to our customers.

The products are normally supplied strapped or banded for transport and storage purposes. They can be off-loaded mechanically using a suitable forklift truck. Store under cover in clean, dry conditions, out of contact with dry cement, lime, plaster or mortar. The Plaster Beads should be stacked flat and supported along their length. (Full boxes should not be stacked more than six high).

## SAFETY PRECAUTIONS

When cutting plaster/render beads, expanded metal lathing and brick reinforcement, we recommend the wearing of gloves. Individuals with existing skin problems or those sensitised to mineral oils should protect their hands using a skin barrier cream or suitable gloves. If irritation or injury occurs, seek medical attention.



**Afrah Al-khaleej** co.  
For Gen. Trad. & Cont. W.I.L.



**Afrah Al-khaleej** FACTORY  
FOR EXPANDED METAL LATH & ACCESSORIES

HEAD OFFICE

Tel. +965 24832427

+965 24816787

+965 24821428

Fax +965 24818438

[www.afrahalkhaleej.com](http://www.afrahalkhaleej.com)

Email: [info@afrahalkhaleej.com](mailto:info@afrahalkhaleej.com)

 [Gulfafrah](#)

FACTORY

Tel. +965 96621623

+965 90988873

Address: Amghara Industrial Area,  
Block 4, Bldg. 275  
Kuwait