

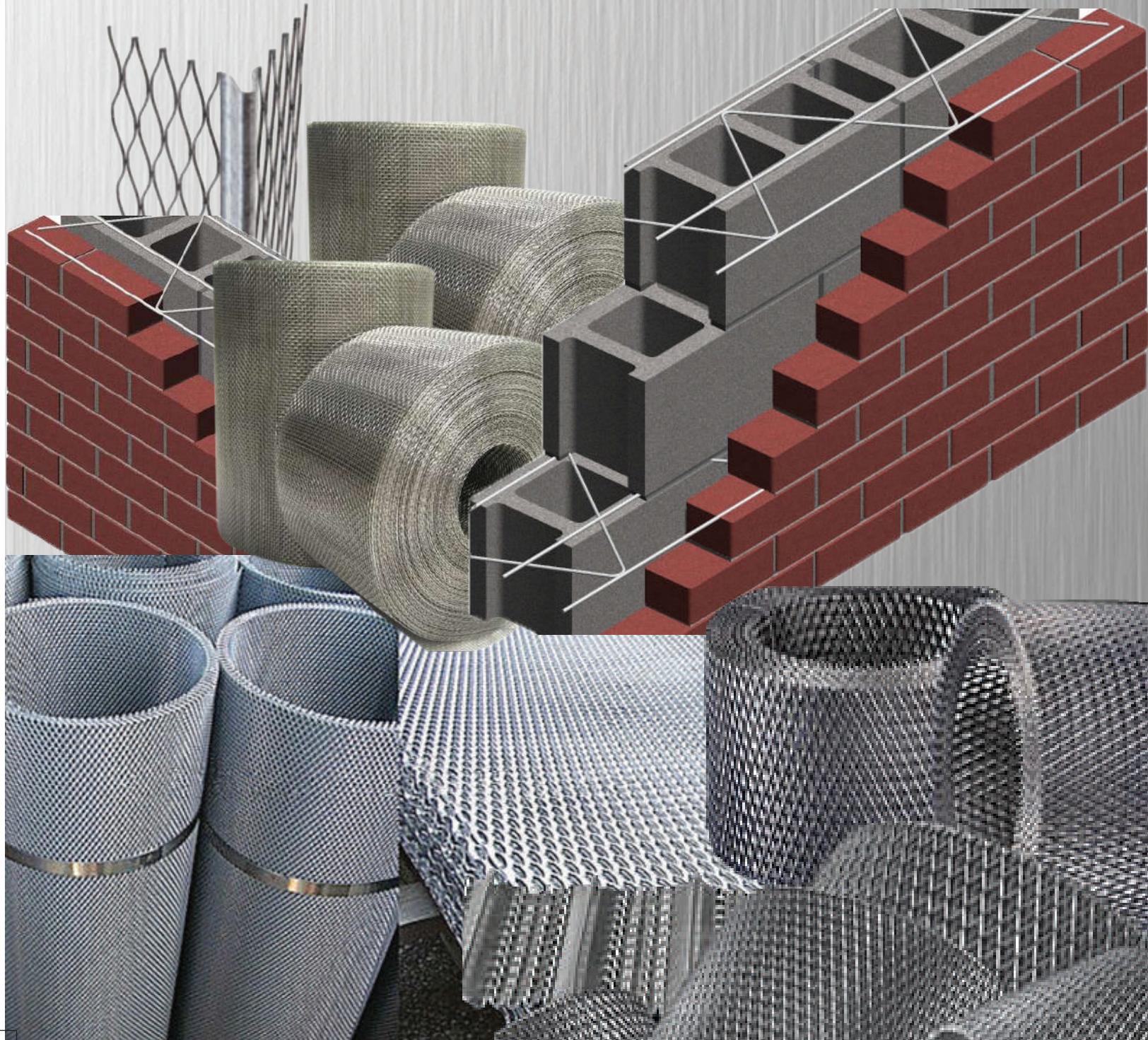


DECOTECH

METAL PROFILE FACTORY

EXPANDED MESH AND METAL PRODUCTS

MADE IN QATAR





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Metal Ceilings

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Dry Wall Partition System

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Ceiling Suspension Grid

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Cable Management System

Made in Qatar

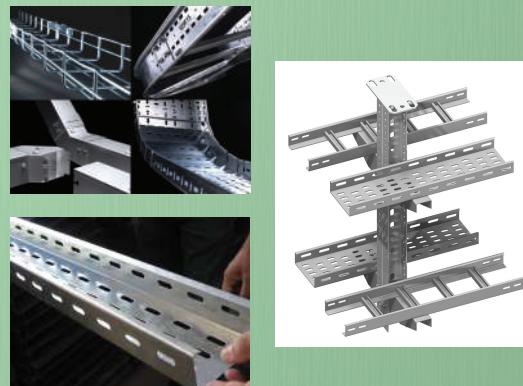




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Introduction

We are pleased to introduce ourselves, **DecoTech Metal Profile Factory**, As a leading Manufacturer, Supplier, of a comprehensive range of building products that includes Expanded metal products, Partition and ceiling profiles and cable tray management systems, Under our brand name **DecoTech**.

DecoTech Metal Profile Factory is a part of a **Qasr Al Andalus Company** with over 20 years of experience in the region in various sectors. The company has satisfied its domestic clients with various quality products and services since its inception.

With a fully-equipped facility extending over 4500 m^2 , in New Small and Medium Industrial State at Salwa road Qatar, the factory is equipped with state of the art machinery for manufacturing its products. We differentiate ourselves by offering a complete solution for our clients (Design, Fabrication, & Supply). We can ensure timely project completion, end-to-end quality management and budget control. Our employees trained in the importance of value engineering, thus providing solutions, not just products.

Our team of qualified, experienced engineers and technicians can design and build as per client specifications. We are consistently working on technical innovations in order to improve the characteristics of our products, and monitor our manufacturing processes to continuous optimize it to ensure our clients the highest levels of product quality and workmanship, including on-time completion.

Our mission is to create value for our customers by providing high quality service and products, while maintaining a high level of health and safety standards and at the same time ensuring a healthy environment. Our sense of social responsibility combined with moral business ethics will surely surpass customer expectations, which is of paramount importance to position Technics globally as the best.

We Assure,

- Quality of Products
- Competitive Prices
- Delivery on time and in full
- Own Branding Products
- European Standard Approval

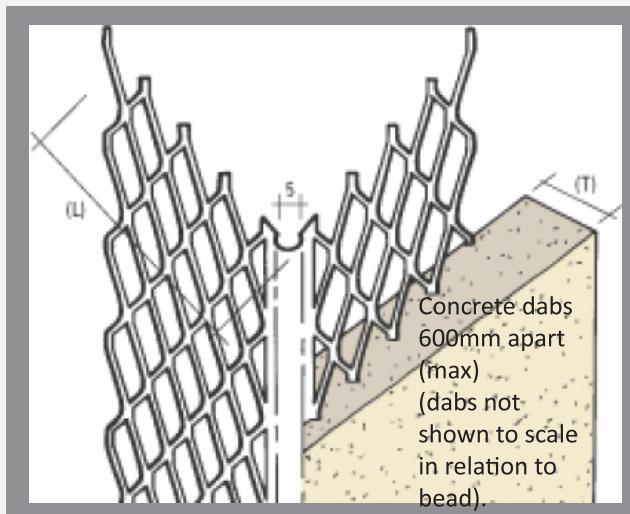
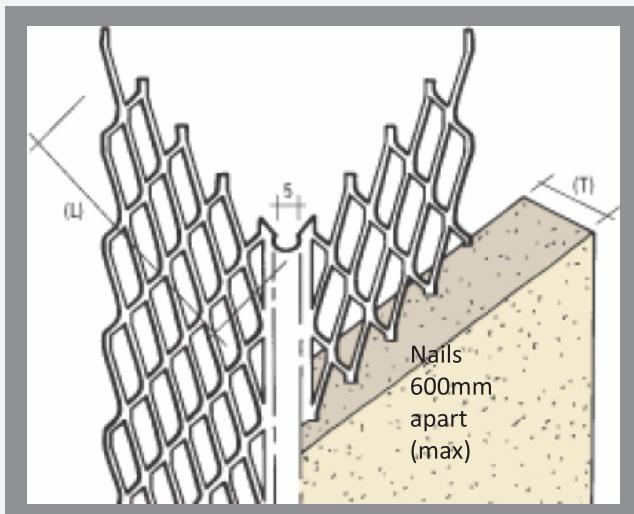


METAL BEADS

■ INSTALLATION METHOD **How to install a Decotech plasterer's bead**

The application and installation of Decotech beads should be in accordance with BS 5492:1990 Code of Practice for internal plastering and BS 5262:1991 Code of practice for external renderings. Decotech beads should be fixed at a nominal 600mm spacing by embedding with dabs of the same material used for the undercoat or corrosion resistant galvanised nails for galvanised bead and stainless steel nails for stainless steel bead.

Use one of the following methods to fix Decotech angle beads and plaster stop beads:



1. 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.

2. Press the bead onto dabs of the same material as the undercoat, 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
3. When beads are used with metal lath backgrounds, galvanised or stainless steel tying wire may be used to secure the beads in position. All wires should be twisted tightly and the ends bent away from the finished face of the coating.



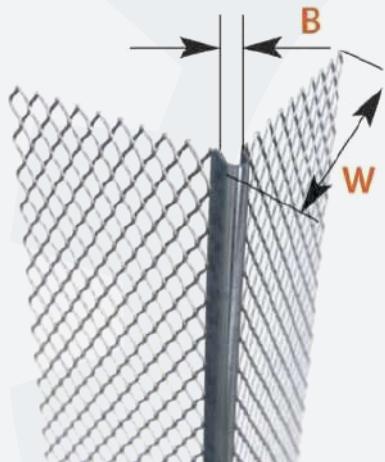
Angle Beads

Description and Application

Angle Beads 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 purposes.

Angle bead is used to provide a true, straight corner which protects and reinforces 2 or 3 coat plaster or render application in its most vulnerable area. Larger wings are available for unusually thick plaster / render.

Galvanised for internal use & Stainless steel for external use



Reference	Width of wing (mm)	Length (mm)	Material	Qty/Box
DAB 45	45	2400/2700/3000	Galvanised Steel	50
DAB 50	50	2400/2700/3000	Galvanised Steel	50
DAB 55	55	2400/2700/3000	Galvanised Steel	50
DAB 60	60	2400/2700/3000	Galvanised Steel	50
DAB 65	65	2400/2700/3000	Galvanised Steel	50
DAB 70	70	2400/2700/3000	Galvanised Steel	50
DAB 75	75	2400/2700/3000	Galvanised Steel	50
DAB 45 S	45	2400/2700/3000	Stainless Steel	50
DAB 50 S	50	2400/2700/3000	Stainless Steel	50
DAB 55 S	55	2400/2700/3000	Stainless Steel	50
DAB 60 S	60	2400/2700/3000	Stainless Steel	50
DAB 65 S	65	2400/2700/3000	Stainless Steel	50
DAB 70 S	70	2400/2700/3000	Stainless Steel	50
DAB 75 S	75	2400/2700/3000	Stainless Steel	50

*Other size also available on request

Plaster Stop Beads

Description and Application

Plaster Stop Beads are used for the finishing and reinforcing of plaster edges. They provide a precise straight clean finish and also to reinforce 2 or 3 coat plaster or render on its edge.

Galvanised for internal use & Stainless steel for external use

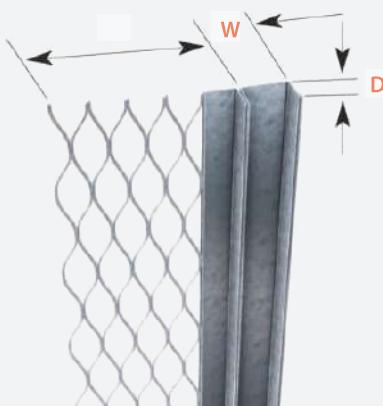


Reference	Width of wing (mm)	Length (mm)	Material	Qty/Box
DSB 10	10	2400/2700/3000	Galvanised Steel	50
DSB 13	13	2400/2700/3000	Galvanised Steel	50
DSB 16	16	2400/2700/3000	Galvanised Steel	50
DSB 19	19	2400/2700/3000	Galvanised Steel	50
DSB 10 S	10	2400/2700/3000	Galvanised Steel	50
DSB 13 S	13	2400/2700/3000	Galvanised Steel	50
DSB 16 S	16	2400/2700/3000	Galvanised Steel	50
DSB 19 S	19	2400/2700/3000	Stainless Steel	50

*Other size also available on request



■ Architrave Beads



Description and Application

Architrave Bead is used to form a decorative channel gap at plaster edge at door and window reveals and other joinery features. It can also be used to act as a neat divide between differing wall finishes.

Galvanised for internal use & Stainless steel for external use

Reference	Width (mm)	Length (mm)	Plaster Depth(mm)	Material	Qty/Box
DAWF 10	10	2700/3000	10/13	Galvanised Steel	50
DAWF 13	13	2700/3000	10/13	Galvanised Steel	50
DAWF 15	15	2700/3000	10/13	Galvanised Steel	25
DAWF 20	20	2700/3000	10/13	Galvanised Steel	25
DAWF 23	23	2700/3000	10/13	Galvanised Steel	25
DAWF 25	25	2700/3000	10/13	Galvanised Steel	25
DAWF 27	27	2700/3000	10/13	Galvanised Steel	50
DAWF 10 S	10	2700/3000	10/13	Stainless Steel	50
DAWF 13 S	13	2700/3000	10/13	Stainless Steel	25
DAWF 15 S	15	2700/3000	10/13	Stainless Steel	25
DAWF 20 S	20	2700/3000	10/13	Stainless Steel	25
DAWF 23 S	23	2700/3000	10/13	Stainless Steel	25
DAWF 25 S	25	2700/3000	10/13	Stainless Steel	25
DAWF 27 S	27	2700/3000	10/13	Stainless Steel	25

*Other size also available on request

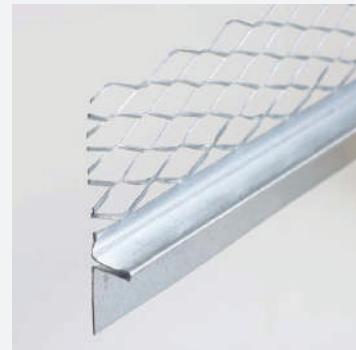
■ Architrave Beads without Flange

Description and Application

Architrave Beads without Flange gives a shadow line decorative effect for aesthetic purposes and creates a clean division between varying wall finishes.

Galvanised for internal use & Stainless steel for external use

Reference	Width (mm)	Length (mm)	Plaster Depth(mm)	Material	Qty/Box
DAWOF 10	10	2700/3000	10/13	Galvanised Steel	50
DAWOF 13	13	2700/3000	10/13	Galvanised Steel	50
DAWOF 15	15	2700/3000	10/13	Galvanised Steel	50
DAWOF 20	20	2700/3000	10/13	Galvanised Steel	50
DAWOF 25	25	2700/3000	10/13	Galvanised Steel	50
DAWOF 10 S	10	2700/3000	10/13	Stainless Steel	50
DAWOF 13 S	13	2700/3000	10/13	Stainless Steel	50
DAWOF 15 S	15	2700/3000	10/13	Stainless Steel	50
DAWOF 20 S	20	2700/3000	10/13	Stainless Steel	50
DAWOF 25 S	25	2700/3000	10/13	Stainless Steel	50



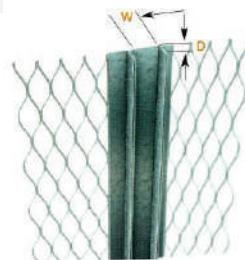
*Other size also available on request



■ Architrave Beads-Double Sided mesh

Description and Application

Double Sided Mesh mainly used for decorative purposes to give a channel gap on wall finishes (ie wall and ceiling or door and window reveals)



Galvanised for internal use & Stainless steel for external use

Reference	Width (mm)	Length (mm)	Plaster Depth (mm)	Material	Qty/Box
DADSM 10	10	3000	13	Galvanised Steel	25
DADSM 15	15	3000	13	Galvanised Steel	25
DADSM 20	20	3000	13	Galvanised Steel	25
DADSM 25	25	3000	13	Galvanised Steel	25
DADSM 30	30	3000	13	Galvanised Steel	25
DADSM 10 S	10	3000	13	Stainless Steel	25
DADSM 15 S	15	3000	13	Stainless Steel	25
DADSM 20 S	20	3000	13	Stainless Steel	25
DADSM 25 S	25	3000	13	Stainless Steel	25
DADSM 30 S	30	3000	13	Stainless Steel	25

*Other size also available on request

■ Control Joint Beads

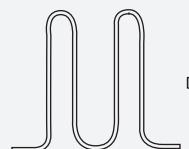
Description and Application

Control Joint Beads is designed to provide for movement to accommodate expansion and contraction caused by initial stucco shrinkage and minor thermal movement

Galvanised for internal use & Stainless steel for external use



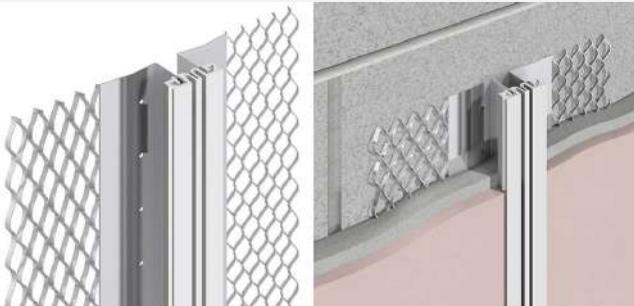
Reference	Plaster Depth (mm)	Length (mm)	Material	Qty/Box
DCJ 13	13	2700/3000	Galvanised Steel	25
DCJ 21	21	2700/3000	Galvanised Steel	25
DCJ 13 S	13	2700/3000	Stainless Steel	25
DCJ 21 S	21	2700/3000	Stainless Steel	25



*Other size also available on request



Movement Beads



Description and Application

Movement Bead is used to overcome movement tolerances in plaster and render finishes thus minimising cracking in finished coat. Joining two plaster beads using PVC allows movement between surfaces resulting from differential expansion. It can also be used to act as a stop barrier for when a change in finish is required on either ends.

Galvanised for internal use & Stainless steel for external use

Reference	Plaster Depth(mm)	Length (mm)	Material	Qty/Box
DMB 10	10	2700/3000	Galvanised Steel	50
DMB 13	13	2700/3000	Galvanised Steel	50
DMB 16	16	2700/3000	Galvanised Steel	50
DMB 19	19	2700/3000	Galvanised Steel	50
DMB 10 S	10	2700/3000	Stainless Steel	50
DMB 13 S	13	2700/3000	Stainless Steel	50
DMB 16 S	16	2700/3000	Stainless Steel	50
DMB 19 S	19	2700/3000	Stainless Steel	50

*Other size also available on request

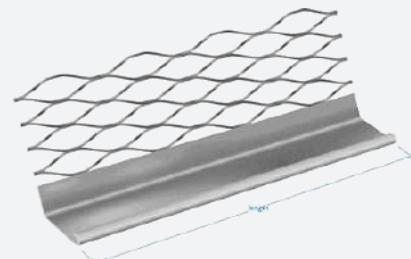
Render Stop Beads

Description and Application

Render Stop Beads are used to obtain a neat, lower edge external finish and helps to protect masonry against run - off water.

Galvanised for internal use & Stainless steel for external use

Reference	Plaster Depth(mm)	Length (mm)	Material	Qty/Box
DRSB 13	13	2700/3000	Galvanised Steel	50
DRSB 16	16	2700/3000	Galvanised Steel	50
DRSB 19	19	2700/3000	Galvanised Steel	50
DRSB 13 S	13	2700/3000	Stainless Steel	50
DRSB 16 S	16	2700/3000	Stainless Steel	50
DRSB 19 S	19	2700/3000	Stainless Steel	50



*Other size also available on request



■ Micro Angle Beads

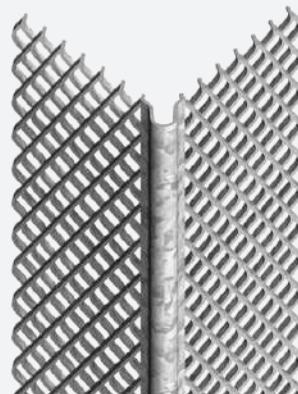
Description and Application

Micro angle beads are designed for thin coat plaster and are used at corners for protection. Micro angle beads are popular thin coat beads with fine mesh wings. Fixed either by galvanised nails or using plaster dabs. Installation : The casing beads are designed with a ridge of nail holes to provide easy installation.

Galvanised for internal use & Stainless steel for external use

Reference	Plaster Depth(mm)	Length (mm)	Material	Qty/Box
DMAB 25	25	2400/2700/3000	Galvanised Steel	50
DMAB 25 S	25	2400/2700/3000	Stainless Steel	50

**Other size also available on request*



■ Micro Plaster Stop Beads

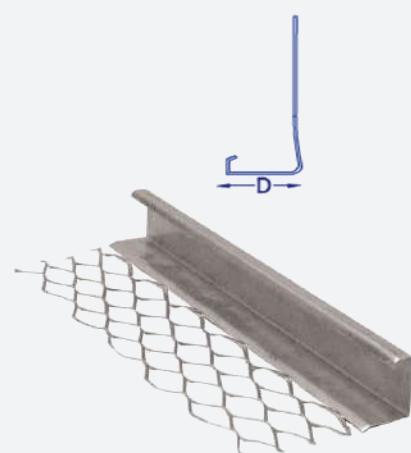
Description and Application

Micro plaster stops are designed for thin coat edge protection at openings. They provide abutment of plastered areas of other wall finishes. Micro plaster stops provide excellent finishes. Micro plaster stops make neat, flush frames for windows and other openings.

Galvanised for internal use & Stainless steel for external use

Reference	Plaster Depth(mm)	Length (mm)	Material	Qty/Box
DMSB 6	6	2700/3000	Galvanised Steel	50
DMSB 6 S	6	2700/3000	Stainless Steel	50

**Other size also available on request*





Expanded Metal Lath

Description and Application

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 used for internal and external plaster when applied on suspended ceilings and walls. It is also suitable for encasing steel column and beams, assisting in the protection from fire in external applications where there is regular exposure to heavy condensation persistent damp or concerned that drying out times may be extended, stainless steel should be used.

- Decotech plaster mesh Lath comprises of sheet lath, strip lath and coil lath produced according to the required sizes.
- Strip Lath and coil Lath are exactly the same in characteristics, except length.
- Width of mesh up to 1000mm.
- Weight per square meter varies from 0.60kg/m² to 2.00 kg/m²

MATERIAL: Galvanized Steel for internal walls, stainless Steel for external walls and walls with more moisture contacts
Stainless Steel Grades 316 / 316L are advisable for locations within a marine environment
RECOMMENDED SIZE : 150mm to 300mm medium or heavy duty according to plaster thickness
600/700/800 x 2.5m sheet for covering wide area

INSTALLATION

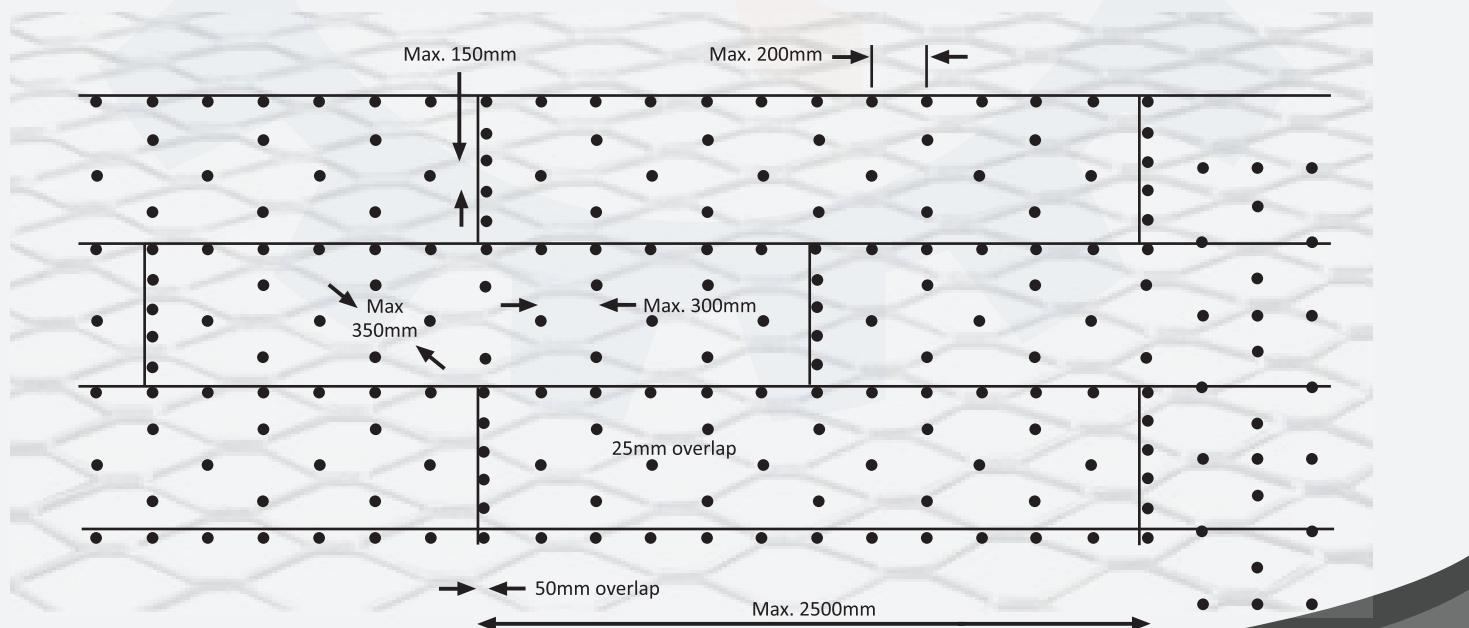
Fixing of Expanded Metal Lathing Sheets

Fix with the long way of mesh running from support to support with all strands sloping downwards and inwards from the face of the coating. Always ensure when fixing that allowance is made for overlapping sheets by 50mm lengthways and 25mm width ways.

To Solid Background

Expanded Metal Lath can be fixed to a solid background using a suitable integral space / washer and large diameter headed screw/nail that will keep the sheets firmly in place.

Fixing Expanded Metal Lathing to solid Backgrounds





■ Corner Mesh Lath

Description and Application

Corner Lath mesh is a joint less mesh bent length wise in the center and is used inside corner joints with dissimilar material base. It is used to reinforce all inside lath corners to reduce corner cracking. Formed from finished edge strip lath. It's bent length wise to a 100 angle to ensure a snug fit into 90 corners. It's commonly used when walls meet walls or ceilings over inner angles of masonry construction.

Galvanised for internal use & Stainless steel for external use

Reference	Width of wing(mm)	Weight Kg/m2	Length (mm)	Material	Qty/Box
DCM M 50	50	1.11	2400/2700/3000	Galvanised Steel	50
DCM M 75	75	1.11	2400/2700/3000	Galvanised Steel	50
DCM M 100	100	1.11	2400/2700/3000	Galvanised Steel	50
DCM H 50	50	1.61	2400/2700/3000	Galvanised Steel	50
DCM H 75	75	1.61	2400/2700/3000	Galvanised Steel	50
DCM H 100	100	1.61	2400/2700/3000	Galvanised Steel	50
DCM M 50 S	50	1.11	2400/2700/3000	Stainless Steel	50
DCM M 75 S	75	1.11	2400/2700/3000	Stainless Steel	50
DCM M 100 S	100	1.11	2400/2700/3000	Stainless Steel	50
DCM H 50 S	50	1.61	2400/2700/3000	Stainless Steel	50
DCM H 75 S	75	1.61	2400/2700/3000	Stainless Steel	50
DCM H 100 S	100	1.61	2400/2700/3000	Stainless Steel	50



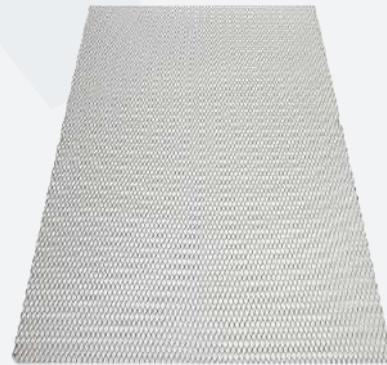
■ Sheet Lath

Description and Application

Sheet lath is used for both internal and external plastering. Sheet lath can be easily cut so that it can conform to curved surfaces. It can be used as a plastering base for reinforcement on almost all types of walls and ceilings and also over wood or steel framing. The large number of openings provide for a better stucco bonding.

Galvanised for internal use & Stainless steel for external use

Reference	Weight Kg/m2	Sheet Size (Length & Width)	Material	Qty/Box
DSL 600 C	0.70	2500/600	Galvanised Steel	10
DSL 600 L	0.91	2500/600	Galvanised Steel	10
DSL 600 M	1.11	2500/600	Galvanised Steel	10
DSL 600 H	1.61	2500/600	Galvanised Steel	10
DSL 600 S	2.00	2500/600	Galvanised Steel	10
DSL S 600 C	0.70	2500/600	Galvanised Steel	10
DSL S 600 L	0.91	2500/600	Galvanised Steel	10
DSL S 600 M	1.11	2500/600	Stainless Steel	10
DSL S 600 H	1.61	2500/600	Stainless Steel	10
DSL S 600 S	2.00	2500/600	Stainless Steel	10

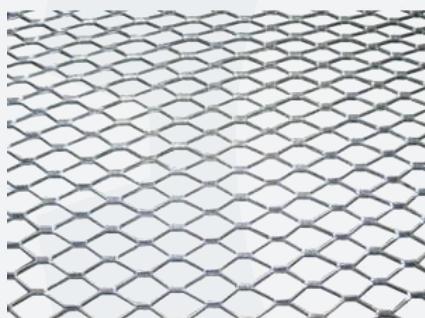




Strip Lath

Description and Application

Expanded mesh Lath formed in strips of 4", 6" & 8" width smooth edges. It is a flat, closed diamond, expanded metal strip used as plaster reinforcement over joints of non metallic lathing bases and where dissimilar bases join. It is commonly attached diagonally at the corners of doors windows or areas prone to cracks. It may also be used to span pipe chases or reinforce other stress points such as the corners of openings in the stucco membrane within the lath system. For spray fire proofing systems strip lath provides pre-cut widths easy to install mechanical breaks on painted steel



Galvanised for internal use & Stainless steel for external use

Reference	Weight Kg/m2	Length (mm)	Material	Qty/Box
DSL 150 C	0.70	2500X150	Galvanised Steel	10
DSL 150 L	0.91	2500X150	Galvanised Steel	10
DSL 150 M	1.11	2500X150	Galvanised Steel	10
DSL 150 H	1.61	2500X150	Galvanised Steel	10
DSL 150 S	2.00	2500X150	Galvanised Steel	10
DSL 200 C	0.70	2500X200	Galvanised Steel	10
DSL 200 L	0.91	2500X200	Galvanised Steel	10
DSL 200 M	1.11	2500X200	Galvanised Steel	10
DSL 200 H	1.61	2500X200	Galvanised Steel	10
DSL 200 S	2.00	2500X200	Galvanised Steel	10
DSL S 150 C	0.70	2500X150	Stainless Steel	10
DSL S 150 L	0.91	2500X150	Stainless Steel	10
DSL S 150 M	1.11	2500X150	Stainless Steel	10
DSL S 150 H	1.61	2500X150	Stainless Steel	10
DSL S 150 S	2.00	2500X150	Stainless Steel	10
DSL S 200 C	0.70	2500X200	Stainless Steel	10
DSL S 200 L	0.91	2500X200	Stainless Steel	10
DSL S 200 M	1.11	2500X200	Stainless Steel	10
DSL S 200 H	1.61	2500X200	Stainless Steel	10
DSL S 200 S	2.00	2500X200	Stainless Steel	10

*Other size also available on request

Rib Lath

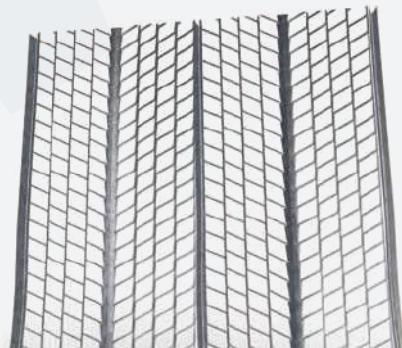
Description and Application

Rib lath is a specially designed expanded metal lath which provide 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.

Galvanised for internal use & Stainless steel for external use

Reference	Width (mm)	Length (mm)	Rib Depth(mm)	Weight	Material
DRL 1.4	600	2500	10	1.48	Galvanised Steel
DRL 1.8	600	2500	10	1.84	Galvanised Steel
DRL 2.2	600	2500	10	2.22	Galvanised Steel
DRL 1.4 S	600	2500	10	1.48	Stainless Steel
DRL 1.8 S	600	2500	10	1.84	Stainless Steel

*Other size also available on request





■ Coil Lath

Description and Application

Expanded metal lath / Coil Lath is extensively used as a background to plaster in order to reinforce against cracks and it is especially useful at joints of dissimilar materials. Coil mesh is available in a variety of widths to suit most wall constructions and is supplied coiled for ease of handling.

Galvanised for internal use & Stainless steel for external use

Reference	Width of Coil (mm)	Weight Kg/m ²	Length (mm)	Material
DCL 100 C	100	0.70	50/100	Galvanised Steel
DCL 100 L	100	0.91	50/100	Galvanised Steel
DCL 100 M	100	1.11	50/100	Galvanised Steel
DCL 100 H	100	1.61	50/100	Galvanised Steel
DCL 100 S	100	2.00	50/100	Galvanised Steel
DCL 150 L	150	0.70	50/100	Galvanised Steel
DCL 150 C	150	0.91	50/100	Galvanised Steel
DCL 150 M	150	1.11	50/100	Galvanised Steel
DCL 150 H	150	1.61	50/100	Galvanised Steel
DCL 150 S	150	2.00	50/100	Galvanised Steel
DCL 200C	200	0.70	50/100	Galvanised Steel
DCL 200 L	200	0.91	50/100	Galvanised Steel
DCL 200 M	200	1.11	50/100	Galvanised Steel
DCL 200 H	200	1.61	50/100	Galvanised Steel
DCL 200 S	200	2.00	50/100	Galvanised Steel
DCL 300 C	300	0.70	50/100	Galvanised Steel
DCL 300 L	300	0.91	50/100	Galvanised Steel
DCL 300 M	300	1.11	50/100	Galvanised Steel
DCL 300 H	300	1.61	50/100	Galvanised Steel
DCL 300 S	300	2.00	50/100	Galvanised Steel
DCL S 100 C	100	0.70	50/100	Stainless Steel
DCL S 100 L	100	0.91	50/100	Stainless Steel
DCL S 100 M	100	1.11	50/100	Stainless Steel
DCL S 100 H	100	1.61	50/100	Stainless Steel
DCL S 100 S	100	2.00	50/100	Stainless Steel
DCL S 150 L	150	0.70	50/100	Stainless Steel
DCL S 150 C	150	0.91	50/100	Stainless Steel
DCL S 150 M	150	1.11	50/100	Stainless Steel
DCL S 150 H	150	1.61	50/100	Stainless Steel
DCL S 150 S	150	2.00	50/100	Stainless Steel
DCL S 200C	200	0.70	50/100	Stainless Steel
DCL S 200 L	200	0.91	50/100	Stainless Steel
DCL S 200 M	200	1.11	50/100	Stainless Steel
DCL S 200 H	200	1.61	50/100	Stainless Steel
DCL S 200 S	200	2.00	50/100	Stainless Steel
DCL S 300 C	300	0.70	50/100	Stainless Steel
DCL S 300 L	300	0.91	50/100	Stainless Steel
DCL S 300 M	300	1.11	50/100	Stainless Steel
DCL S 300 H	300	1.61	50/100	Stainless Steel
DCL S 300 S	300	2.00	50/100	Stainless Steel

*Other size also available on request





■ INSTALLATION DETAIL PHOTOS

ATTACHMENT OF LATH TO STUDS



- 1) Water head screws are power driven to allow quick and easy attachment of Diamond Mesh Lath to framing members.
- 2) Diamond mesh Lath can be cut to size with hand tools.

ATTACHMENT OF RIB LATH TO CEILING



- 1) Flat rub Lath installed horizontally can span up to 16 high rib mesh is attached with nose of rib in contact with the ceiling joint and spaced at 24 O/c max.

ATTACHMENT TO SOLID SURFACES



- 1) Metal Lath is secured to masonry surfaces with corrosion-resistant, hardened concrete nails power or powder driven fasteners and stub nails following guidelines per ASTM C 1063

ATTACHMENT OF TRIMS/JOINTS



- 1) Type "M" Conrol Joint is installed vertically over the window opening allowing for expansion and contra-
ction



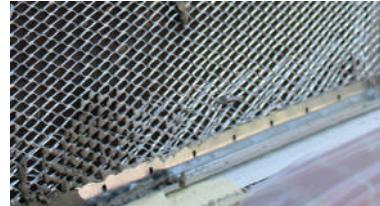
- 2) The scratch coat is applied with complete embedment of the lath in the plaster



- 2) Decotech Angle Bead provides protection for outside corners and a reliable straight ground for screeding.



- 3) Scratch coat is fully embedded in the lath and its isolated from supporting structure.
It allows controlled and uniform curing of this plaster foundation.



- 3) Decotech Expanded Plaster Stop Bead is typically installed at door window openings as a stoper.



HIGH RIB MESH

Description

High Rib Mesh - an expanded metal sheet product used in permanent formwork for concrete. The precision engineered open mesh profile enables the development of dense concrete indentation on the face of the ribs, creating a superior key for the second phase pour. Primarily used in construction joint applications and stop ends it can also be used to form wall, beam and column surfaces and slab soffits

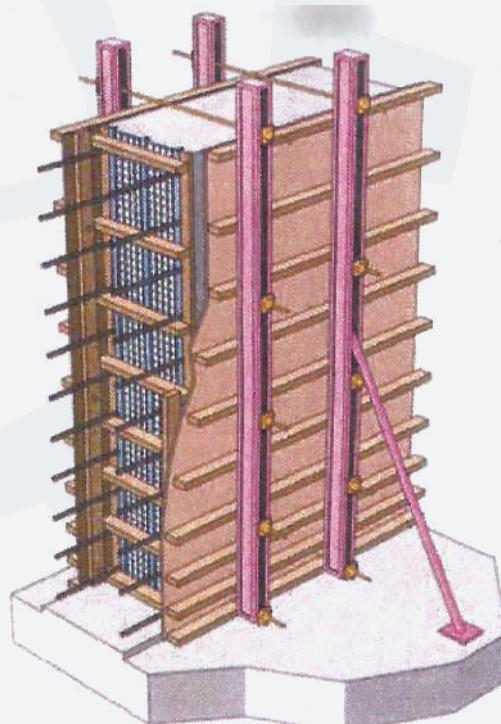
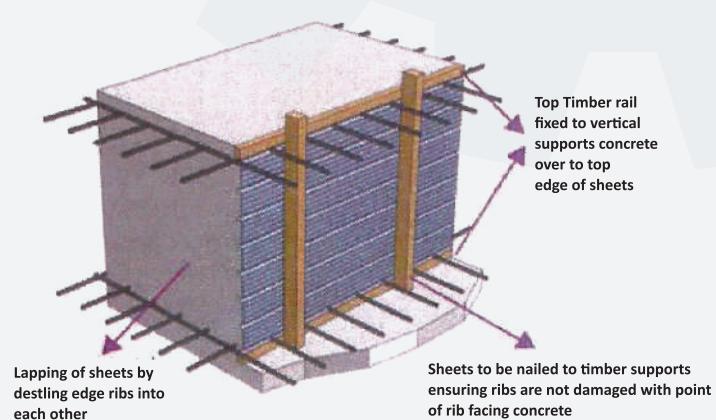
Benefits

- Offers increased productivity.
- Outperforms traditional prepared joints in shear and bond when formed correctly.
- Reduces the concrete pore/water pressure apparent with materials such as timber and steel resulting in a reduction of supports required.
- Eliminates preparation of the joint surface thus allowing reinforced fixing to continue without a break.
- Allows concrete pours to be visually monitored, reducing the risk of voids or honeycombing within the concrete.
- Allows a high rate of rise of pour to be achieved.
- Offers versatility and can be used with ribs running horizontally or vertically, curved and in water retaining structures
- It is permanently installed, unlike temporary timber formwork that must be removed after concrete is cast.

Formwork Applications

Construction joint stopends
Vertical construction joint stopends
Deep construction joints
Permanent wall and column formwork
Permanent soffit formwork
Industrial floor slabs
Water retaining & excluding structures
Curved, inclined and top formwork
Sprayed concrete background

Slab Construction Joints

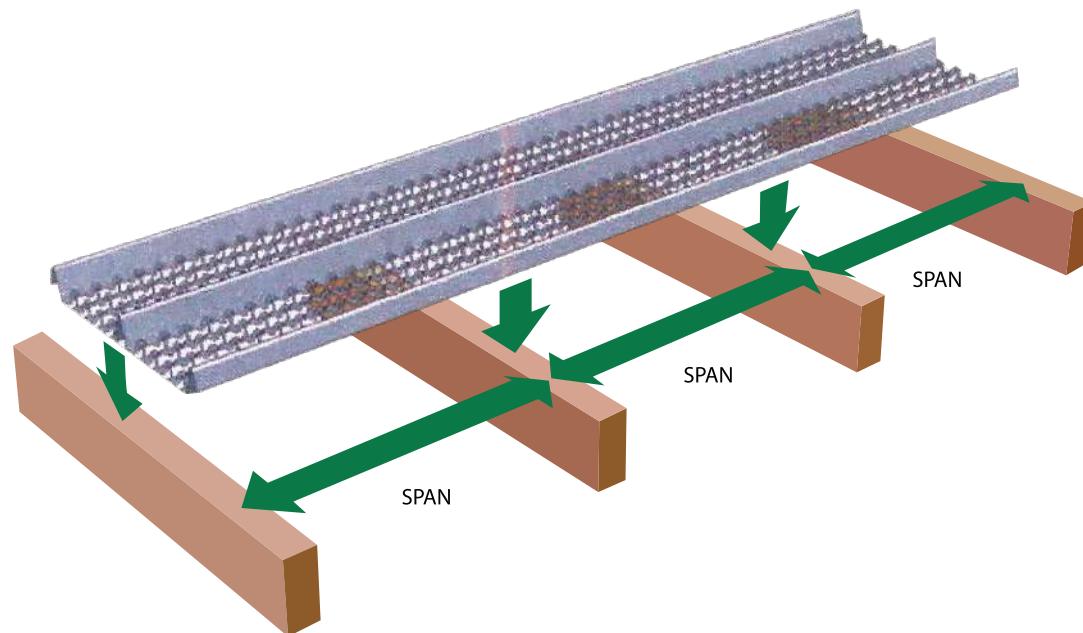


Wall Construction Joints



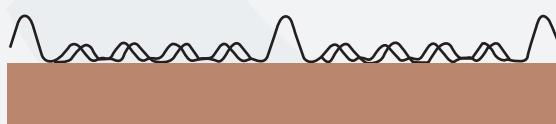
■ HIGH RIB MESH SPANNING DIRECTION

High Rib Mesh spans between supports. Supports at right angles to the ribs



FIXING HIGH RIB MESH TO BACKING SUPPORT

- ✓ High Rib Mesh sits flat on support
- ✓ Ribs point into first phase pour
- ✓ Tangs embed in first pour

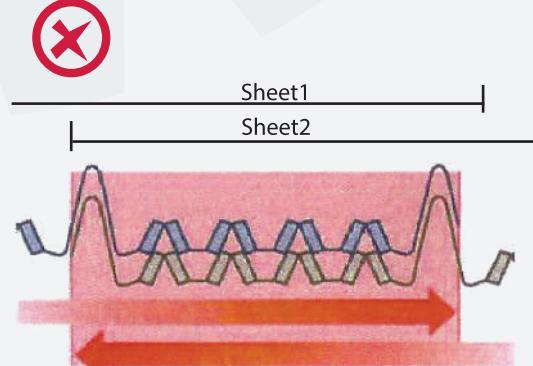
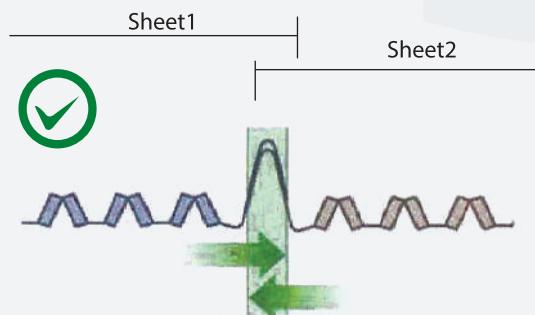


SIDE LAPPING OF HIGH RIB MESH SHEETS

Lap edge ribs only:approx 12mm overlap

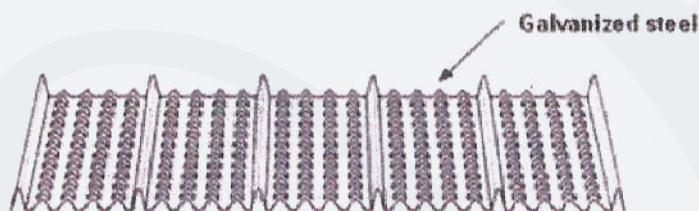
Wire tie lapped edge ribs at 300mm centers

(150mm for soffits)





Reference	Rib Depth	Length (mm)	Width (mm)	Weight Kg/m ²	Material
DHRM L	21	2000/2200/2400	445	3.39	Galvanised Steel
DHRM M	21	2000/2200/2400	445	4.86	Galvanised Steel
DHRM H	21	2000/2200/2400	445	6.34	Galvanised Steel



High Rib Mesh is available in three thickness grades and in lengths of 2000mm, 2200mm, 2400mm, 3000mm
Other lengths available on request

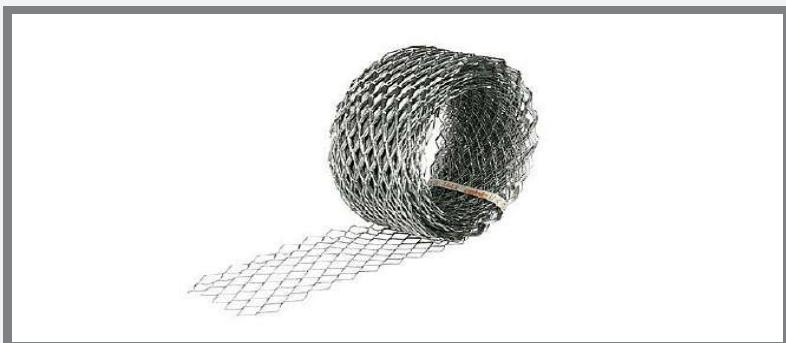
MEASURING POINTS

Sheet width based on edge rib to edge rib centres





BLOCK WORK MESH

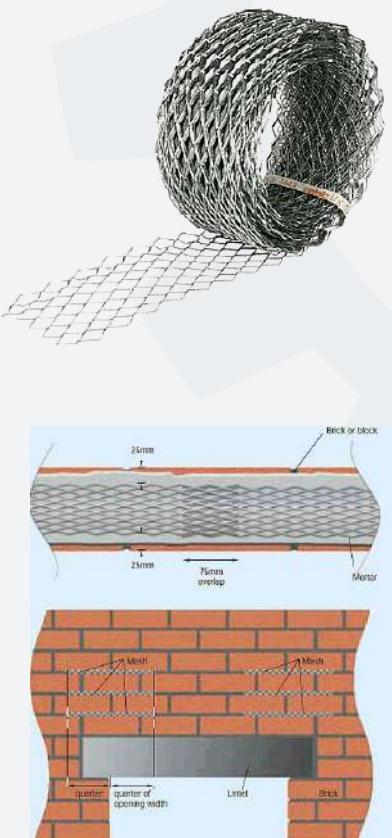


- **Block Work Mesh**
- **Block Reinforcement - Ladder**
- **Block Reinforcement - Truss**
- **Prefabricated Ladder Corners**
- **Prefabricated Ladder Tee**
- **Prefabricated Truss Corners**
- **Prefabricated Truss Tee**

Description and Application

Expanded metal mesh type is used as an anti - crack reinforcement in the design and construction of brick and block masonry. It is generally provided at areas of high stress concentration to dissipate these stresses to areas of low stress. A typical example would be at a point where the section of the wall changes, such as at a door or window opening. The cracking of masonry due to changes in temperature, changes in moisture content and settlement of foundations can all be controlled by the use of block reinforcement. 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.

Galvanised for internal use & Stainless steel for external use

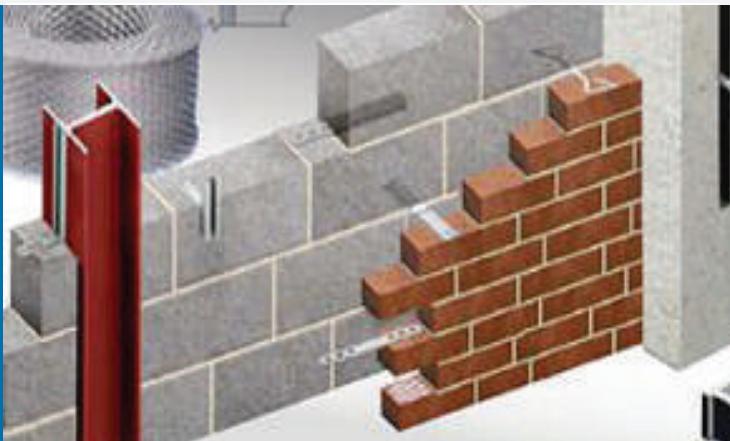


Reference	Width of Coil	Length (mm)	Material
DBM 75	75	30/50/100	Galvanised Steel
DBM 100	100	30/50/100	Galvanised Steel
DBM 125	125	30/50/100	Galvanised Steel
DBM 150	150	30/50/100	Galvanised Steel
DBM 175	175	30/50/100	Galvanised Steel
DBM 200	200	30/50/100	Galvanised Steel
DBM 225	225	30/50/100	Galvanised Steel
DBM 250	250	30/50/100	Galvanised Steel
DBM 300	300	30/50/100	Galvanised Steel
DBM 75 S	75	30/50/100	Stainless Steel
DBM 100 S	100	30/50/100	Stainless Steel
DBM 125 S	125	30/50/100	Stainless Steel
DBM 150 S	150	30/50/100	Stainless Steel
DBM 175 S	175	30/50/100	Stainless Steel
DBM 200 S	200	30/50/100	Stainless Steel
DBM 225 S	225	30/50/100	Stainless Steel
DBM 250 S	250	30/50/100	Stainless Steel
DBM 300 S	300	30/50/100	Stainless Steel

*Other size also available on request



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.

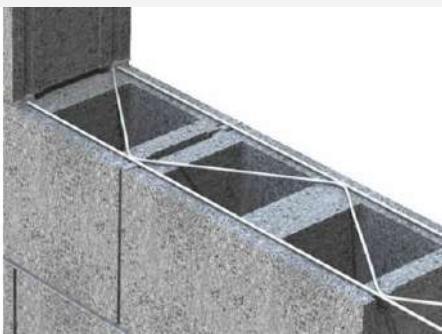
Reference	Width of Coil	Length (mm)	Material
MC 75	75	50/100	Galvanised Steel
MC 100	100	50/100	Galvanised Steel
MC 125	125	50/100	Galvanised Steel
MC 150	150	50/100	Galvanised Steel
MC 175	175	50/100	Galvanised Steel
MC 200	200	50/100	Galvanised Steel
MC 250	250	50/100	Galvanised Steel
MC 300	300	50/100	Galvanised Steel
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.





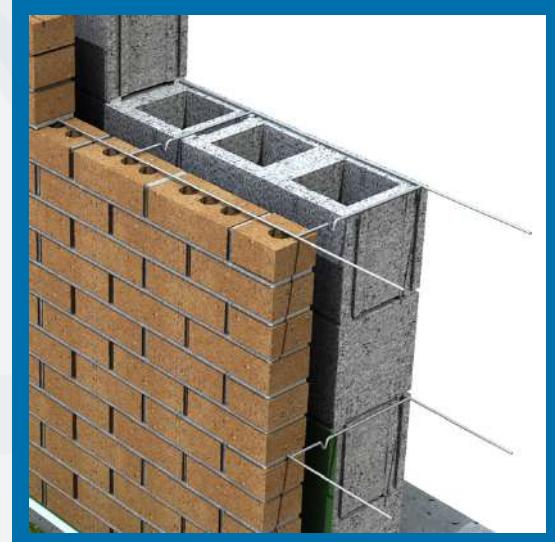
REINFORCEMENT MESH



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. 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 rad	Material
DBL 50	50	3000	3/4/5	Galvanised(Plain/Deformed)
DBL 100	100	3000	3/4/5	Galvanised(Plain/Deformed)
DBL 150	150	3000	3/4/5	Galvanised(Plain/Deformed)
DBL 200	200	3000	3/4/5	Galvanised(Plain/Deformed)
DBL 50 S	50	3000	3/4/5	Stainless Steel(Plain/Deformed)
DBL 100 S	100	3000	3/4/5	Stainless Steel(Plain/Deformed)
DBL 150 S	150	3000	3/4/5	Stainless Steel(Plain/Deformed)
DBL 200 S	200	3000	3/4/5	Stainless Steel(Plain/Deformed)

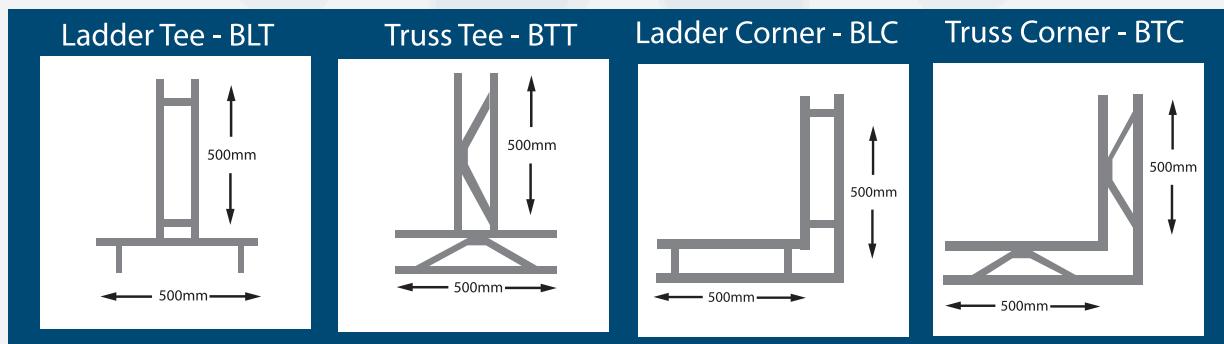


TRUSS

Reference	Width mm	Length (mm)	Diameter of rad	Material
DBT 50	50	3000	3/4/5	Galvanised(Plain/Deformed)
DBT 100	100	3000	3/4/5	Galvanised(Plain/Deformed)
DBT 150	150	3000	3/4/5	Galvanised(Plain/Deformed)
DBT 200	200	3000	3/4/5	Galvanised(Plain/Deformed)
DBT 50 S	50	3000	3/4/5	Stainless Steel(Plain/Deformed)
DBT 100 S	100	3000	3/4/5	Stainless Steel(Plain/Deformed)
DBT 150 S	150	3000	3/4/5	Stainless Steel(Plain/Deformed)
DBT 200 S	200	3000	3/4/5	Stainless Steel(Plain/Deformed)

Prefabricated Corners and Tees

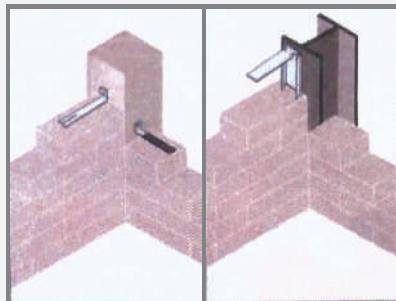
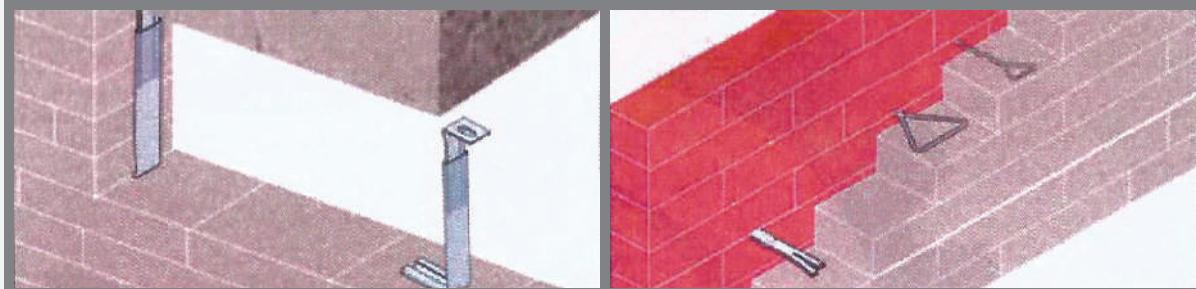
Corners and tees are available for any joint reinforcing product. We manufacture 500mm length as standard



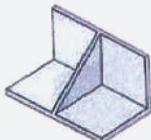
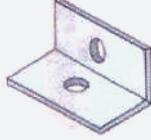
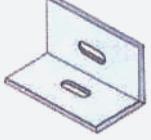
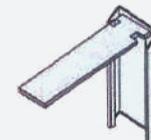
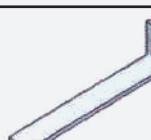
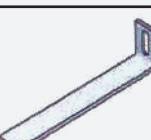
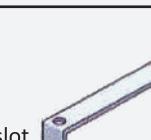
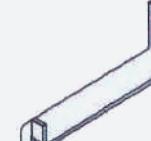
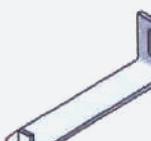
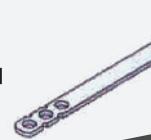


WALL TIES

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



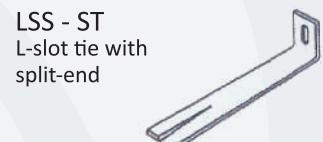
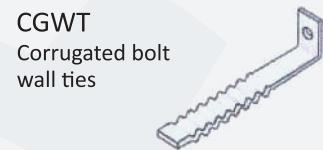
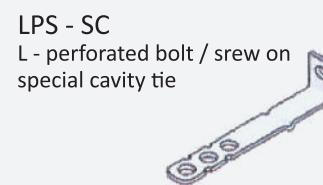
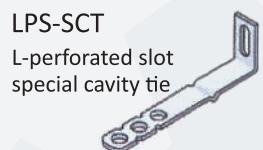
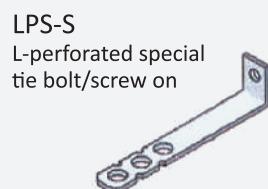
Standard Thickness	1.50mm up to 3.00mm
Standard Length	75mm up to 250mm
Standard Width	25mm up to 50mm
Meterial	Galvanised, Stainless Steel

AWS Anchor with Support 	ASP2 2side screwed punched anchor 	AH - 2ST 2side 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-plane tie slot with sleeves 	PTSW Perforated tie special with sleeves 	PTS Plain tie special 



DECOTECH

METAL PROFILE FACTORY





■ LINTEL

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



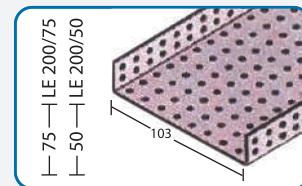
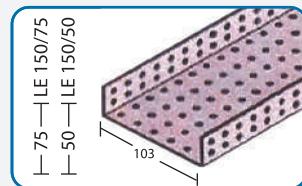
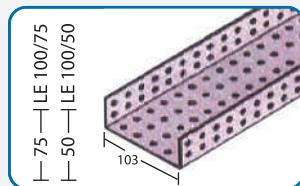
Installation

- 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





■ PLASTER KEY

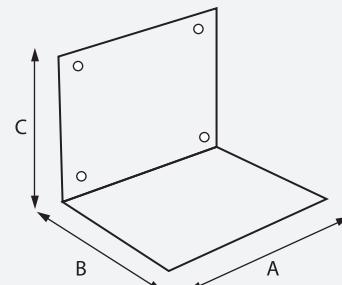
Generally Lintels are supplied with perforations as a plaster key but occasionally it may be necessary to supply expanded mesh fixed to the lintels as an alternative.

Lintels Table

Reference	Cargo Code	Thickness	Weight	Height of	Width of Lintel	09-1.20	1.3-1.50	1.6-1.80	1.9-2.10	2.2-2.40
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
LE 100/75	C	3.2	5.9	75	100	1.63	1.25	1.00	0.66	0.64
LE 150/50	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
LE 150/75	C	3.2	7.1	75	150	1.63	1.25	1.00	0.86	0.64
LE 200/50	A	2.0	4.4	50	200	0.62	0.45	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
LE 200/75	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 upon request
- Load Calculation can be provided as per the client request.

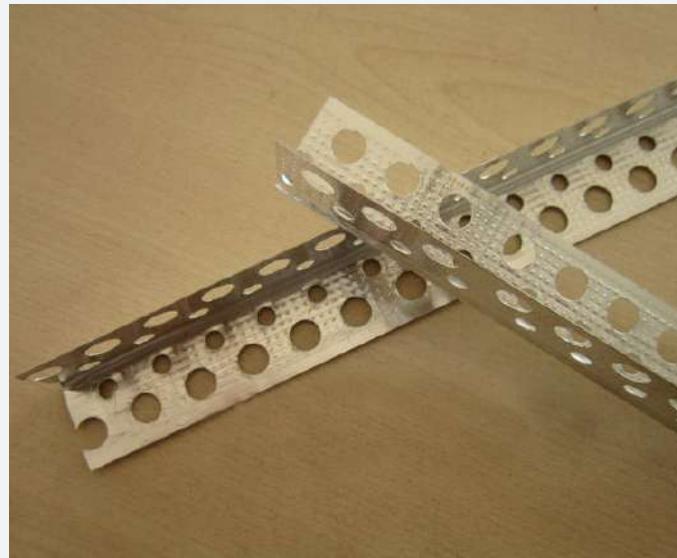
■ Lintels Brackets



Reference	A	B	C	Thickness	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 M 10 x 80



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	Length mm	Material	Qty/Bundle
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	Length mm	Material	Qty/Bundle
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

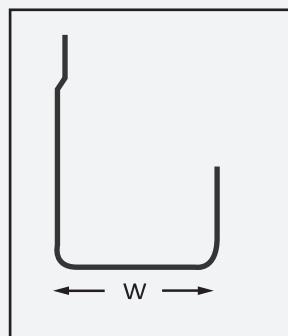




DRY WALL EDGE BEAD

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

Reference	Plaster width	Length mm	Material	Qty/Bundle
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





LEEDS



Environmental Impact Statement

We offer environmental friendly alternative to wood and greatly reduce the impact on ecological issues.

QUALITY

DECOTECH is dedicated to provide quality products and services that will satisfy the needs and expectations of our customers. We are committed to the continual improvement of our products and processes to achieve our quality objectives and maximize value to our customer.

A Quality assured company

build with quality
that will last a lifetime



QUALITY OF STEEL

Recyclable

Decotech use 100% recyclable steel and wastage onsite is fully sent for recycling





DELIVERY

We assure timely delivery of materials in accordance to our terms and conditions



MARKETING

Our wide spread marketing network can ensure supply of right materials at right time.



CUSTOM PRODUCTS

Decotech is well equipped with latest machineries that can produce special lengths and sizes quickly and efficiently to keep out orders on schedule.



PACKAGING

Decotech uses quality packaging materials to ensure that our products arrive to you in good conditions



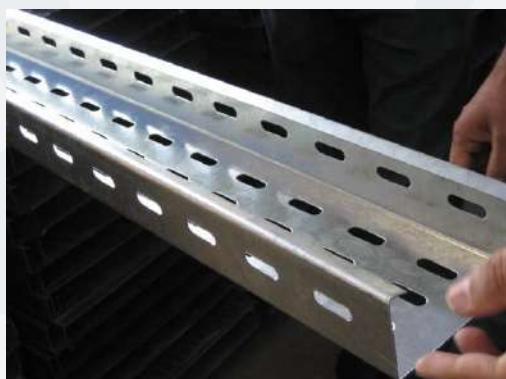
CABLE MANAGEMENT SYSTEM

In a building environment, cables need to be run from the main distribution board to sub main boards. In order to ensure safe transportation and distribution of cables it is essential to use an appropriate cable support system.

Cable Trays ensure that this support function is adequately performed. The trays are supported at regular intervals enabling appropriate loading in accordance with requirements of standards.

The choice of products and finish depends on atmospheric conditions and the capability of the support system to withstand adverse conditions.

Decotech cable trays offer a high degree of flexibility, both from a perspective of loading the component parts to accessing the cable supports. The cable trays are available in various finishes including pregalvanised, galvanised after manufacture and epoxy coated finishes and various grades of stainless steel.





TECHNICAL SPECIFICATIONS METAL BEADS

Manufactured to	BS EN 13658-1 &2:2005 (formerly BS 6452:Part 1:1984) ASTM C 1047
Galvanised Steel	BS EN 10346:2009 (fromerly 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
Galvanised Steel	BS EN 10346:2009 (formerly BS EN 10142:1991)coating type: Z180-275 ASTM A 653/A 653 M
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

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 Galvanising (After fabrication) to	BS EN ISO 1461:1999(formerly BS 729) ASTM A123/A 123M, A 153/A 153M
Pre Galvanised Steel wire	BS EN ISO 10244-2:2001 (fromerly BS 443) ASTM A641/A 641M
Stainless Steel wire	BS EN 10088-3:2005(which was direct equivalent to formerly BS 1554:1990) ASTMA A 1022/11022M

WALL TIES

1 - Sheet

Manufactured to	BS EN 845 - 1:2003 9 (formerly BS 1243)
Pre Galvanised Steel	BS EN 10346:2009(formerly BS EN 10142:1991) ASTM A 653/A 653M
Mild Steel	BS EN 10149 - 3:1996
Hot Dipped Galvanising to	BS EN 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 240M in Grade 302 2B FINSIH

STORAGE CONDITIONS

Please follow the below recommendations for storage conditions

Store in covered and dry area

Avoid contact with sand, chemicals & water



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