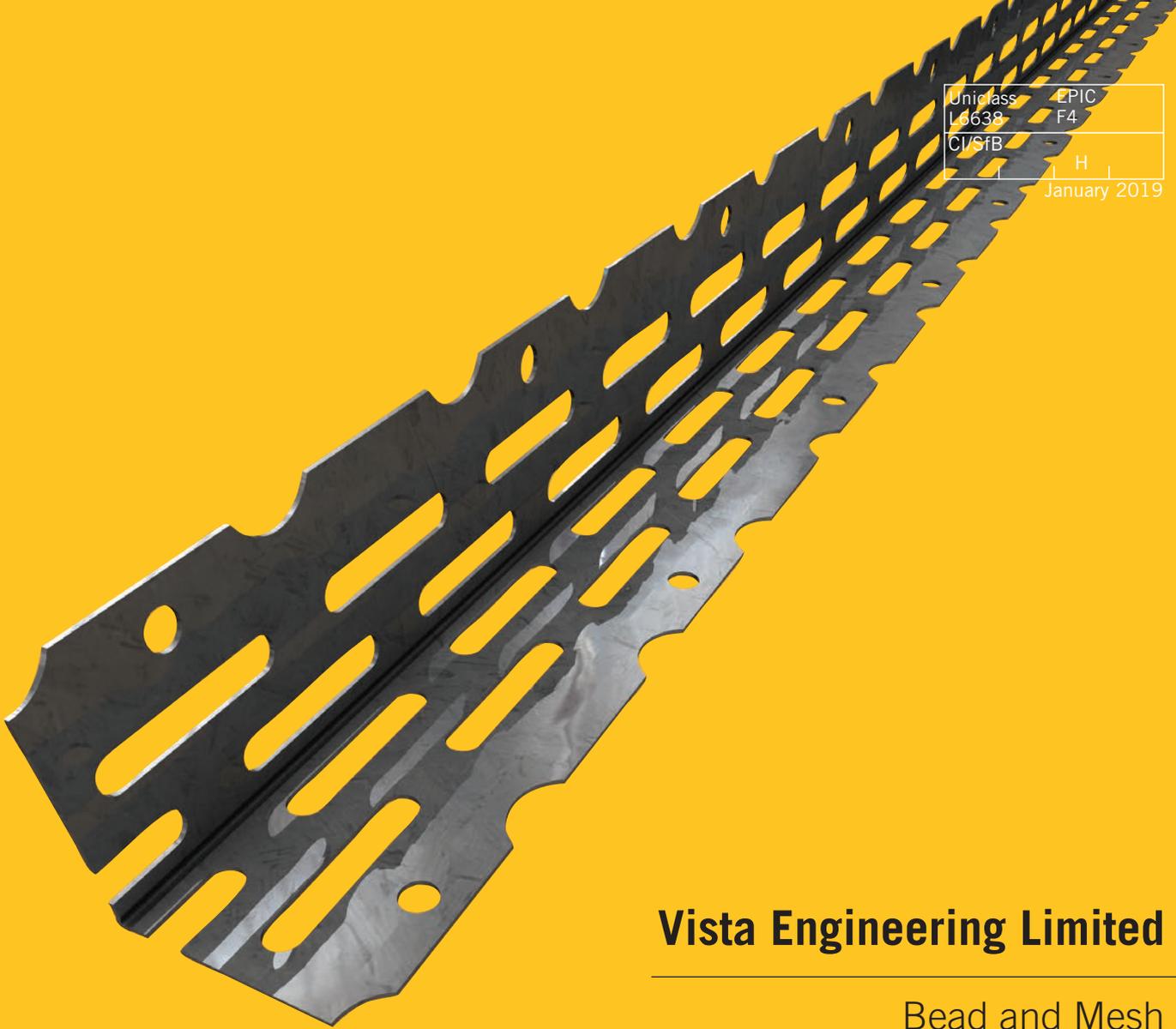


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Vista Engineering Limited

Bead and Mesh

Engineered Strength





In today's market you need a brand you can turn to for proven construction fixings, **reliable support** and **competitive prices**.



Proven products

Our bead and mesh range is just part of a much broader choice of high-quality Vista products, engineered to meet the demanding specifications of today's construction industry.

For over 40 years, we've been exploring new manufacturing methods and improving existing ones to provide a superior product to our customers and meet their needs more effectively.

And by investing in staff, machinery and premises at our 4 UK sites, we're able to increase efficiency and drive down costs while maintaining the highest possible standards.

Our ISO 9001 certification is your guarantee of quality in our manufacturing process, from the high grade steel that enters our factory to the high performance finished products – many of them carrying BBA approval – that leave it.

So you can always depend on Vista for reliable, proven products.

Reliable support

As crucial as the support we provide for important construction projects is the support we offer our customers.

Strong, supportive relationships have always been at the heart of our business. It's how we develop a clear understanding of what our customers need and how we work closely with them to deliver their requirements.

Our friendly, knowledgeable Customer Service Team are there to deal with your enquiries and make sure you get the products you want, when and where you need them. It's because they go the extra mile that some customers have been with us for as long 30 years.

With a large stock-holding facility and a rapid, reliable delivery network, we can provide mixed loads of products wherever they're needed at a moment's notice.

We also provide a full technical design service for products such as windposts and masonry support where it's required.

Competitive prices

Being more efficient in our approach to product design, manufacturing, service, packaging and distribution means we can be more competitive with our prices.

That's because we pass on the benefits that come from economies of scale and more efficient operations in every area of our business.

All with the aim of giving our merchant customers better margins and healthier profits and providing builders and contractors with even better value for money.

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Cert No: 205433



Cert No: 213904



Certificate Number: 1473
BS EN 1090

Drylining Beads

The following beads provide the plasterer with the ability to produce true straight edges in drylining applications and give an excellent key for thin coat (skim) plastering. Fixing of all the products is simple and the beads give good resistance to cracking, chipping and impact damage on corners and edges.

GPTC

Galvanised Perforated Thin Coat Bead

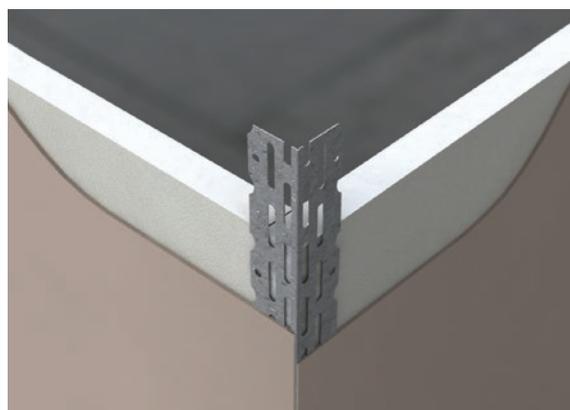
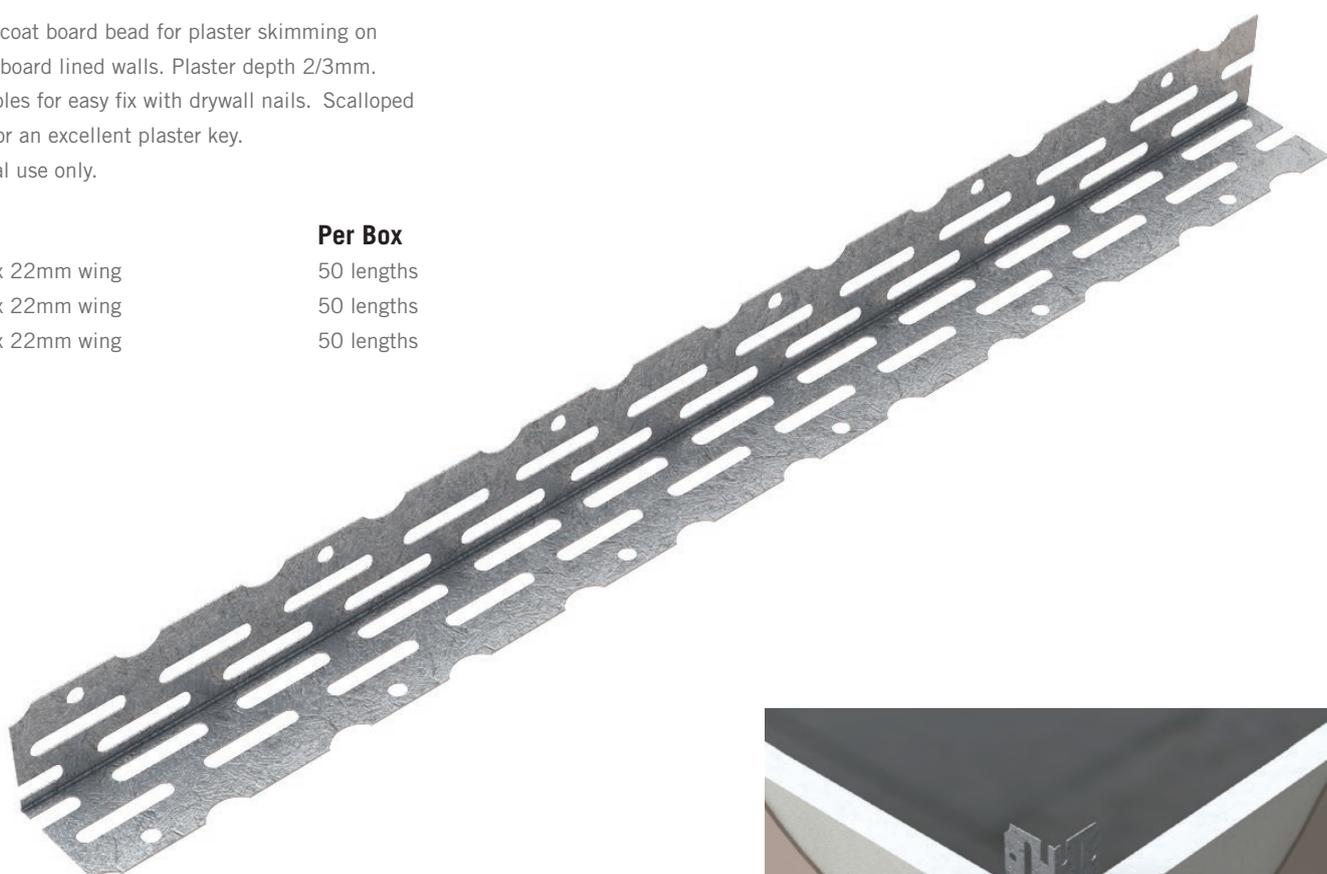
A thin coat board bead for plaster skimming on plasterboard lined walls. Plaster depth 2/3mm. Nail holes for easy fix with drywall nails. Scalloped edge for an excellent plaster key. Internal use only.

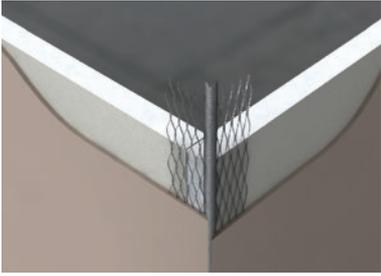
Sizes

2.4m x 22mm wing
2.7m x 22mm wing
3.0m x 22mm wing

Per Box

50 lengths
50 lengths
50 lengths





GMM

Galvanised Mini Mesh Bead

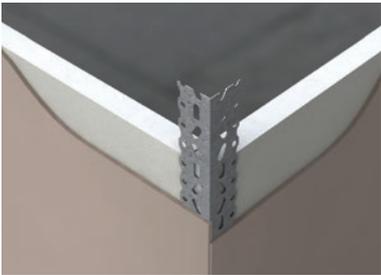
A thin coat bead with fine mesh wings designed for one coat plastering. Plaster depth 3mm. Fix with nails or plaster dabs. Use on plasterboard lined walls or aerated blocks. Internal use only.

Sizes

- 2.4m x 28mm wing
- 2.7m x 28mm wing
- 3.0m x 28mm wing

Per Box

- 50 lengths
- 50 lengths
- 50 lengths



GPTCLW

Galvanised Perforated Thin Coat Bead Wide Wing

As perforated thin coat bead as per page 3 above but with slightly wider wings to give a deeper plaster key. Plaster depth 2/3mm.

Nail holes for easy fix with drywall nails.

Scalloped edge for an excellent plaster key.

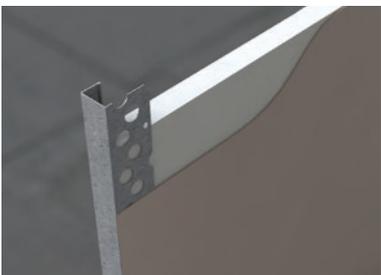
Internal use only.

Sizes

- 2.4m x 25mm wing
- 3.0m x 25mm wing

Per Box

- 50 lengths
- 50 lengths



GEB

Galvanised Plasterboard Edge Bead

A bead to reinforce the edges of plasterboard which can be fixed on either with the perforated flange on the face of the board by nailing and skimmed over or with the short flange on the board face for a decorative edge finish. Internal use only.

Sizes

- 3.0m x 9.5mm
- 3.0m x 12mm
- 3.0m x 15mm

Per Box

- 50 lengths
- 50 lengths
- 50 lengths

GPS**Galvanised Dry Wall Stop Bead**

A bead for protection of thin coat plaster at edges and reveals and for abutment of thin coat plaster against other wall finishes. Also sometimes used as an arch bead. Nail holes for easy fix with drywall nails.

Rigid but light bead perforated for an excellent thin coat plaster key. Either 3mm or 6mm Stop. Internal use only.

Sizes

2.4m x 3mm
3.0m x 3mm
3.0m x 6mm

Per Box

50 lengths
50 lengths
50 lengths



Ancillary Products for Drylining

SAD**Self Adhesive Tape**

A quality self adhesive tape for plasterboard jointing and patching repairs on plasterboard.

Sizes

50mm x 90m rolls

Per Box

24 rolls

**SBCT****Flexible Steel Bead Corner Tape**

Manufactured by bonding two corrosion resistant metal strips to paper jointing tape, it is safe to use as there are no sharp edges compared to normal bead or mesh. Bead corner tape is designed for finishing inside and outside drywall corners. The flexible steel backing fits any angle where traditional beading cannot be used and can be easily cut to any length for minimum wastage. Application is by standard jointing compound, no special tools required.

Size

50mm x 30m roll

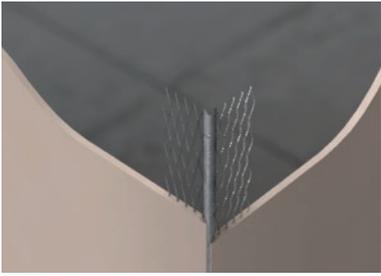
Per Box

10 rolls



Plaster and Render Beads

The following beads are designed to give true corners and edges to plaster and render where thick or 'rough' coats are required. Fixing is easy using plaster dabs or galvanised nails (with galvanised beads) and the mesh wings provide resistance to cracking while offering a good key to the plaster or render.



GAB

Galvanised Angle Bead 45mm wing

This traditional wet plaster bead provides a strong true corner or arris, with the mesh wings allowing for a good plaster key and resistance to cracking.

Fixed by plaster dabs at approximately 600mm centres, push the wings into the dabs to allow for the required plaster depth-up to 13mm then ensure the nose is set square and plumb as required.

Generally for internal use only.

Sizes

2.4m
2.7m
3.0m

Per Box

50 lengths
50 lengths
50 lengths



GWAB

Galvanised Wide Angle Bead 63mm wing

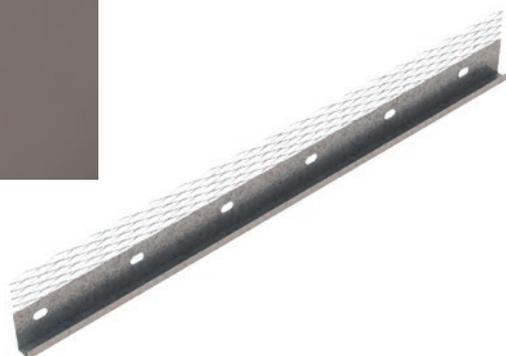
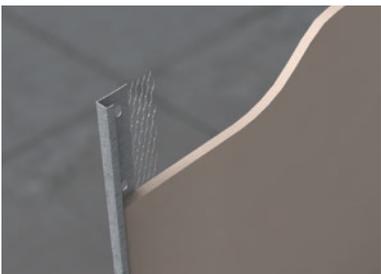
As the galvanised angle bead above but with a wider wing to allow for more uneven corners and slightly deeper plaster-up to 16mm.

Sizes

2.4m
3.0m

Per Box

50 lengths
50 lengths



GPS

Galvanised Plaster Stop Bead

Provides a straight and clean edge to wet plaster where it butts up to other materials such as door and window frames. Fixed with plaster or mortar dabs as above or can be nailed. Generally for internal use only. Stainless Steel or PVC-u. Recommended for external use.

Sizes

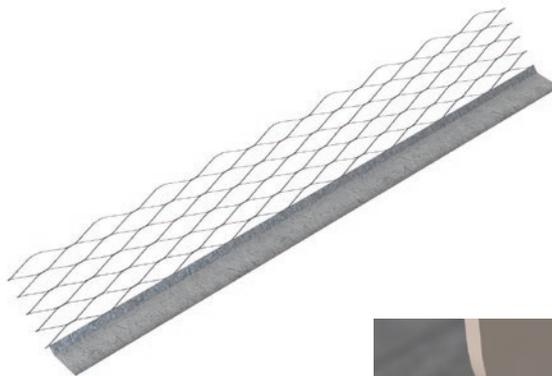
2.4m x 10mm, 13mm, 16mm 19mm
2.7m x 10mm, 13mm, 16mm 19mm
3.0m x 10mm, 13mm, 16mm 19mm

Per Box

50 lengths
50 lengths
50 lengths

GERS**Galvanised External Render Stop (Bell) Bead**

Used where a neat drip or 'bell-end' lower edge is needed on external render. Fixed by mortar dabs or masonry nails. Although this is for external use we would generally recommend Stainless Steel or PVC-u for this application only using this product in sheltered or low rainfall areas.

**Sizes**

2.4m
3.0m

Per Box

50 lengths
50 lengths

GMB**Galvanised Movement Bead**

Designed to be used to form movement joints in plaster or render where long wall runs either have movement joints in situ or where there is a need to allow for differential or thermal movement. The bead consists of two plaster stop lengths joined by a white pvc extrusion which allows for up to 4mm of movement and which is covered by a vinyl tape which is removed after plastering or rendering. Internal use only. We recommend Stainless Steel or PVC-u for external rendering.

**Sizes**

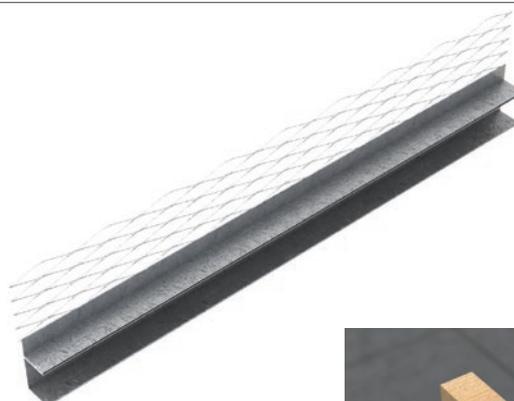
3.0m x 10mm, 13mm, 16mm 19mm

Per Box

10 lengths

GARB**Galvanised Architrave Bead**

A range of beads produced to allow for decorative finishes - i.e. shadow lines and recesses around door and window frames etc. The bead can either be supplied as an engaging bead or abutting bead with various plaster depths available. Internal use only.

**Sizes**

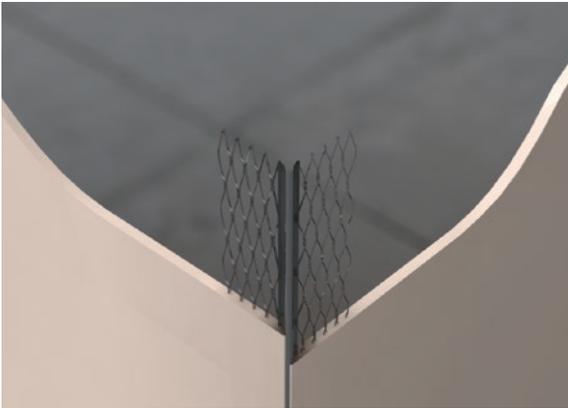
3.0m x 10mm and 13mm engaging
(without flange)
3.0m x 10mm, 13mm and 20mm
abutting (with flange)

Per Box

50 lengths
50 lengths

External Beads

The following beads are generally for use with external renders or areas where there is high moisture / humidity or where applying a polymer modified or sand / cement finish. The mesh wings provide an excellent mortar key and the solid edges true straight arises, corners and finishes to render runs. Fixing is generally by mortar dabs or stainless steel nails or staples. Galvanised fixings should not be used to avoid bi-metallic reactions which cause rust spots.



SAB Stainless Steel Angle Bead

The traditional render corner bead providing a strong true corner or arris, with the mesh wings allowing for a good plaster key and resistance to cracking.

Fixed by mortar dabs at approximately 600mm centres, push the wings into the dabs to allow for the required render depth-up to 13mm then ensure the nose is set square and plumb as required.

Sizes
3.0m

Per Box
50 lengths

SPS**Stainless Steel Plaster Stop**

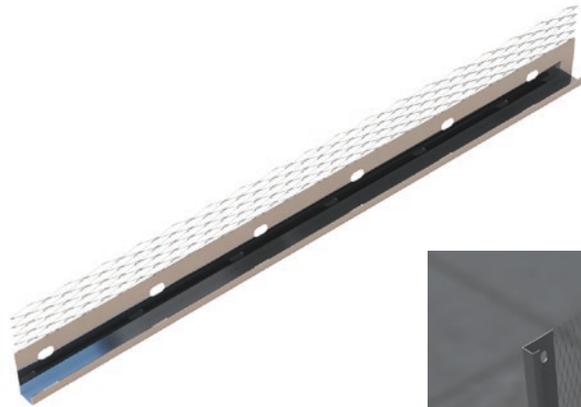
Provides a straight and clean edge to render where it butts up to other materials such as door and window frames. Fixed with mortar dabs as above or can be nailed using stainless steel fixings.

Sizes

3.0m x 10mm, 13mm, 16mm, 19mm

Per Box

50 lengths

**SERS****Stainless Steel External Render (Bell) Bead**

Used where a neat drip or 'bell-end' lower edge is needed on external render.

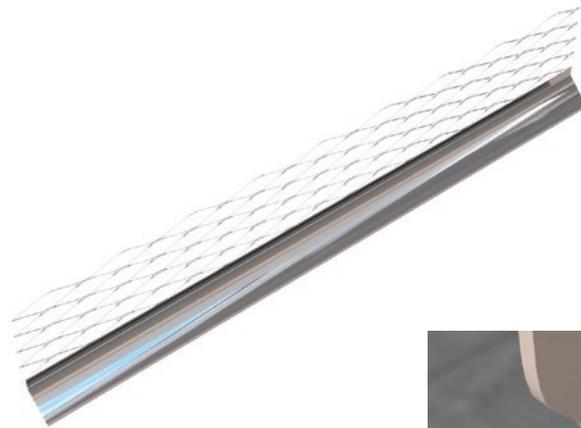
Fixed by mortar dabs or stainless steel nails.

Sizes

3.0m

Per Box

50 lengths

**SMB****Stainless Steel Movement Bead**

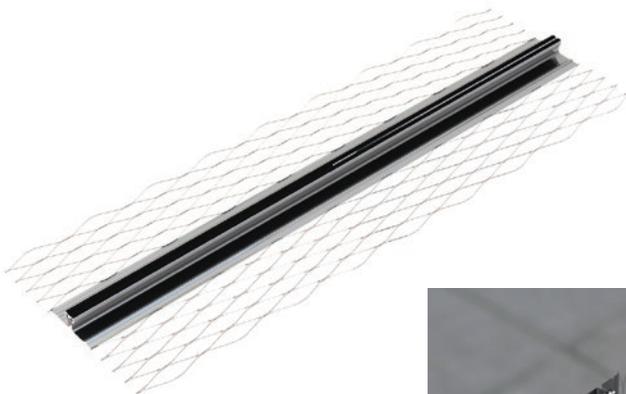
Designed to be used to form movement joints in plaster or render where long wall runs either have movement joints in situ or where there is a need to allow for differential or thermal movement. The bead consists of two plaster stop lengths joined by a white pvc extrusion which allows for up to 4mm of movement and which is covered by a vinyl tape which is removed after plastering or rendering.

Sizes

3.0m x 10mm, 13mm, 16mm, 19mm

Per Box

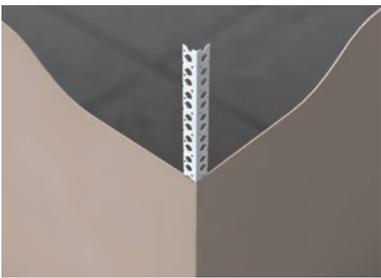
10 lengths



PVC-u Beads

PVC-u beads are now being used more and more, particularly in areas of high rainfall or extreme damp conditions.

They provide an economical alternative to Stainless Steel products and are used in the same way as normal galvanised or stainless steel beads. They are fixed using plaster dabs or nails etc and are manufactured from white high density polyvinylchloride high impact window grade material. Other colours are available and manufactured to order. The face of the bead is ribbed and perforated to produce a good plaster or mortar key and can be easily cut to size using a hacksaw.



PAB 23

PVC-u Angle Bead Thincast

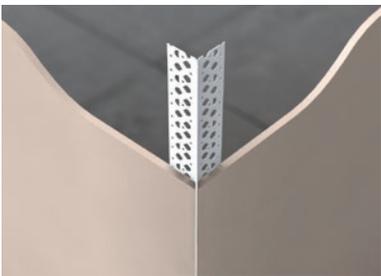
A PVC-u equivalent to a mini mesh or perforated thin coat bead for use with plasterboard where a skim coat is required. Fixed using drywall nails or jointing filler the profile allows for a 2mm to 3mm plaster coat to provide a neat corner edge. Internal use only.

Sizes

2.5m

Per Box

50 lengths



PAB

PVC-u Angle Bead

A PVC-u equivalent to traditional plaster and render corner beads. The wing provides a good plaster or mortar key and the bead nose lengthens through the range to allow for increasing depths of plaster or mortar. Fixed with either plaster or mortar dabs or nails these beads can be used internally or externally.

Sizes

2.5m x 6/10mm

2.5m x 8/12mm

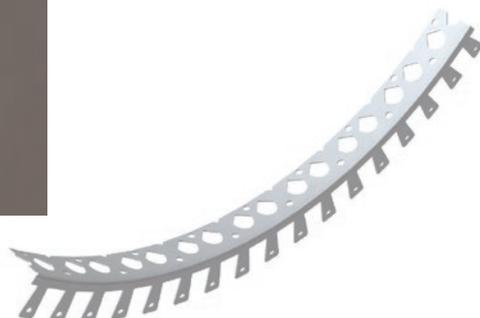
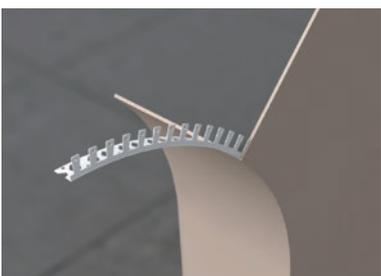
2.5m x 13/19mm

Per Box

50 lengths

40 lengths

30 lengths



PPS3

PVC-u Arch Bead

A flexible bead allowing the plasterer to form a dry wall corner arch to the radius of his choice. The nose allows for 3mm of plaster skim and forms a stop for the plaster. For use internally the bead can be fixed by nailing, jointing filler or adhesive to plasterboard.

Sizes

2.5m

lengths

Per Box

50

PPS**PVC-u Plaster Stop Bead**

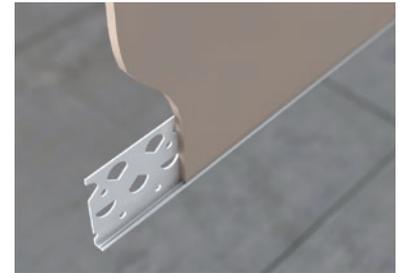
Used in the same way as a steel plaster stop this bead comes in four flange widths for use with either plaster or external render. Fixing by nailing or plaster/mortar dabs the bead provides a straight edge to separate plaster or mortar from other materials. Internal and external use.

Sizes

2.5m x 2/3mm
 2.5m x 6/8mm
 2.5m x 10/12mm
 2.5m x 15/17mm
 2.5m x 20/22mm

Per Box

50 lengths
 50 lengths
 50 lengths
 50 lengths
 50 lengths

**PERS****External Render Stop (Bell) Bead**

For use with external render to provide a drip feature at the bottom of the render coat. Fixed using either mortar dabs or masonry nails the bead forms a straight edge to the bottom of the render.

Sizes

2.5m x 12/22mm render depth
 2.5m x 6/12mm render depth

Per Box

50 lengths
 50 lengths

**PMB****PVC-u Movement Bead**

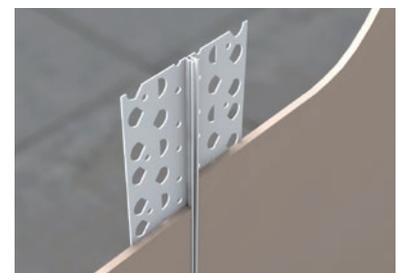
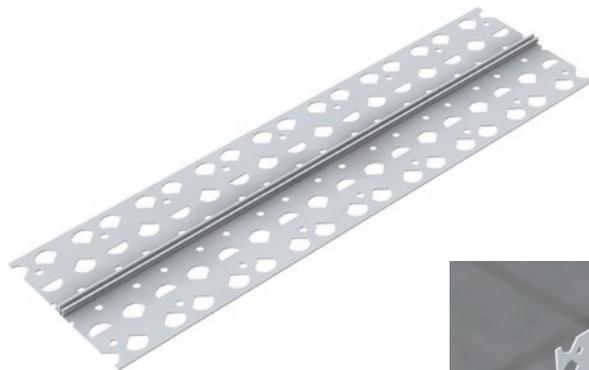
Designed to form a movement joint where needed in a long run of plastered or rendered masonry where there is a movement joint or to allow for thermal or differential movement in a long run of plaster or render. The bead consists of two plaster stop beads joined with a white extrusion allowing for approximately 4mm of movement when installed vertically. Internal and external use.

Sizes

2.5m x 10/12mm
 2.5m x 15/17mm
 2.5m x 20/22mm

Per Box

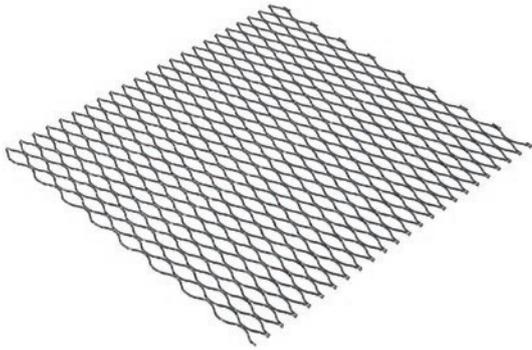
25 lengths
 25 lengths
 25 lengths



Lathing Products

The following products are used as a key for plaster internally and render externally and can be fixed to brick / block work, timber, steel and concrete using various proprietary fixings.

The laths enable the plasterer or renderer to provide a smooth even finish where required.

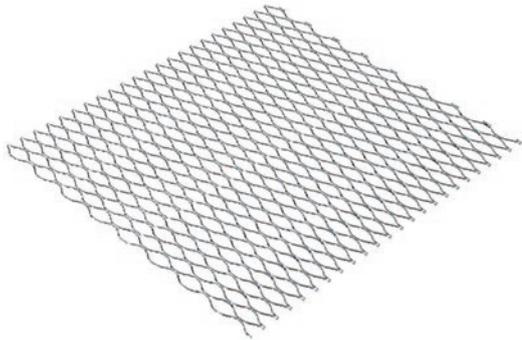


GEML

Galvanised Expanded Metal Lath

A key for plaster on suspended ceilings and walls this versatile product can also be used to encase steel columns and beams to assist in fire protection. Use internally, fixed with galvanised nails, staples or tying wire.

Size	Quantities	Units
2438mm x 685mm x 26g	500 sheets	Full Pallet
	10 sheets	Bundle



SEML

Stainless Steel Expanded Metal Lath

A key for render work externally or for plaster work internally where damp conditions prevail. Fix with stainless steel nails, staples or wire or alternatively proprietary polypropylene anchors to masonry or concrete.

Sizes	Quantities	Units
2500mm x 700mm	500 sheets	Full Pallet
	10 sheets	Bundle



GRL

Galvanised Rib-Lath

A key for plastering and rendering rib-lath with its stiffening ribs provides a good key for deeper coatings of plaster or render. As well as being used for walls rib-lath can also be used for partitions and ceilings. Fixed through the rib section with galvanised nails or around the rib with galvanised staples or tying wire.

Sizes	Quantities	Units
2500mm x 600mm	500 sheets	Full Pallet
	10 sheets	Bundle



SRL

Stainless Steel Rib-Lath

A key for plastering and rendering rib-lath with its stiffening ribs provides a good key for deeper coatings of plaster or render. As well as being used for walls rib-lath can also be used for partitions and ceilings. Fixed through the rib section with Stainless Steel nails or around the rib with stainless steel staples or tying wire. External use only.

Sizes	Quantities	Units
2500mm x 600mm	500 sheets	Full Pallet
	10 sheets	Bundle

SCA

Semi Circular Arch Former

A mesh former allowing the plasterer to produce a clean edged semi-circular arch opening. The arches are supplied as a pack of four pieces and are fixed to each side of the opening then plastered over. An elliptical shape can be produced by using extra bridging pieces supplied as a separate pack. Recommended for internal use only. 1 box contains enough for 1 full arch i.e. 4 pieces.



Opening sizes	Packaging	Opening sizes	Packaging
750mm	Box	900mm	Box
800mm	Box	1200mm	Box
850mm	Box	1500mm	Box

Security Laths

A range of laths for added security to walls, ceilings, partitions and roofs discouraging break ins via these routes.

When galvanised the laths can be rendered or plastered to hide their presence.

Manufactured in accordance with BS 405: 1987 from HRPO Mild Steel to BS EN 10111: 1998.

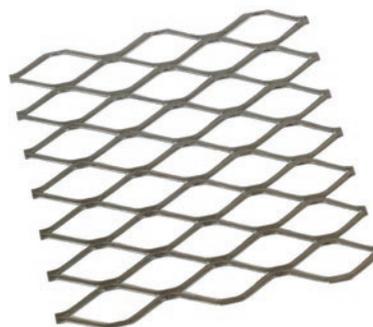
SLLD

Security Lath Light Duty

This light duty Security Lath is a lightweight and economical security lath suitable for internal wall security, partitions, ceilings and roofs. Each sheet weighs approximately 6kgs and can easily be handled by one man.

LWA	SWA	Width	Thickness	Weight (kg/m ²)
43.43mm	18.03mm	2.31mm	1.2mm	1.85

Sheet Size: 2500mm x 1250mm Mild steel or Pre-galvanised Material



SLHDR

Security Lath Heavy Duty Raised

This heavy duty raised Security Lath is ideal for internal or external brickwork and can act as a key for render or plaster finishes when galvanised.

LWA	SWA	Width	Thickness	Weight (kg/m ²)
50.08mm	22.58mm	3.12mm	3mm	6.52

Sheet Size: 2440mm x 1220mm Mild steel or Hot dipped galvanised



SLHD

Security Lath Heavy Duty

This heavy duty Security Lath is suitable for internal wall security, partitions, ceilings and roofs. The mesh has a flattened profile and weighs approximately 20kgs per sheet.

LWA	SWA	Width	Thickness	Weight (kg/m ²)
39.12mm	18.29mm	4.5mm	2.5mm	6.7

Sheet Size: 2440mm x 1220mm Mild steel or Hot dipped galvanised



Installation Instructions for Lathing

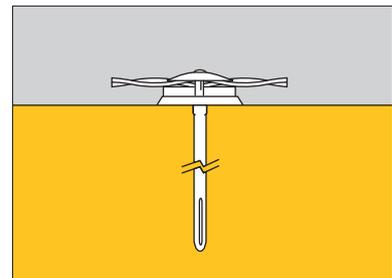
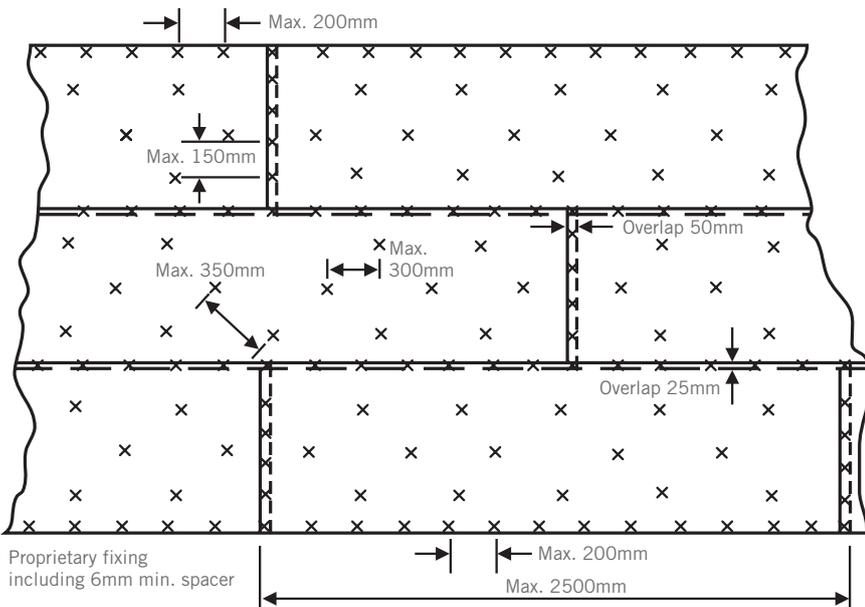
Fixing Expanded Metal Lathing to Metal or Timber Supports

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 widthways.

To connect to timber use 40mm plasterer's nails or staples at 100mm centres. Start at the centre of the sheet and work out towards the edges, always fix at an angle to allow lath to be pulled tight. Ensure that compatible corrosion resistant fixings are used i.e. do not use galvanised fixings with stainless products.

To fix to steel channels, tie with 1.2mm tying wire at 100mm centres. Tie as illustrated with Rib-Lath below by creating a 'hairpin' shape with the wire, then pull tight and twist. Take care that cut wire ends are not close to plaster surface.

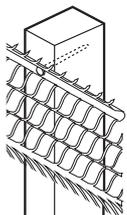
Fixing Expanded Metal Lathing to Solid Backgrounds



Typical fixing of expanded metal lathing and rib-lath using a proprietary large headed fixing when attaching to solid backgrounds.

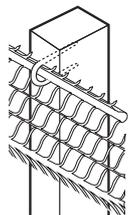
Fixing Rib-Lath to Metal or Timber supports

40mm Nail



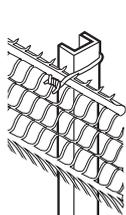
Timber studs at max. 600mm centres

30mm Staple



Timber studs at max. 600mm centres

Wire Tie



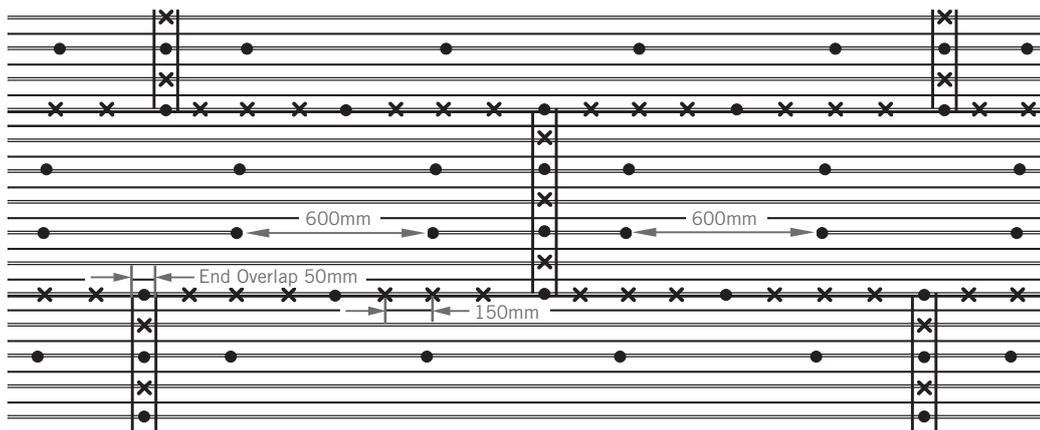
Metal studs at max. 600mm centres

When fixing rib-lath ensure that nails fix through the ribs and staples/wire hair pins over the ribs.

Ensure when fixing that 50mm allowance is made for overlapping sheets at ends.

Installation Instructions for Lathing

Typical Fixing of Rib-Lath to Vertical Solid Background



● Fixing location X 1.2mm wire tie or screw location

Relevant British / European Standards

Bead Material

Galvanised Steel to BSEN 10327-DX51D+275

Stainless Steel – Austenitic – to BSEN 10088-2 grade 1.4301

PVC-u White high density polyvinylchloride high impact external window grade

Expanded Metal Lathing Material

Galvanised Steel to BSEN 10327-DX51D+275

Stainless Steel-Austenitic-to BSEN 10088-2 grade 1.4301

Security Laths

Light Duty – Cold Rolled Mild Steel to BS EN 10130:1991

Heavy Duty and Raised - HRPO Mild Steel to BS EN 10111:1998

British Standards

Vista Galvanised and Stainless Steel Angle Beads, Plaster Stops and External Render stops, Perforated Beads etc. are manufactured in accordance with BS6452 Part 1:1984

Galvanised and Stainless Steel Expanded Metal Laths and Rib-Laths are manufactured in accordance with BS1369 Part 1:1987

Security Laths are manufactured in accordance with BS405:1987

European Standards

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

Bead Usage

All Beads and Lathing products need to be fixed in accordance with the following Standards:

BS EN 13914-1:2005- Design, preparation and application of external 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 principles for internal plastering.

BS 8212:1995 – Code of Practice for Dry Lining and Partitioning using Gypsum Plaster.

Health and Safety

To find out more about our health and safety advice on handling and packaging please contact us for an information sheet or go online at www.vistaeng.co.uk

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Please contact our head office should you have any technical enquiries. ©Vista Engineering 2018.

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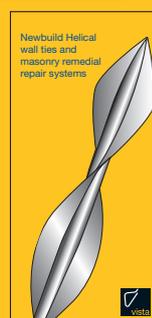
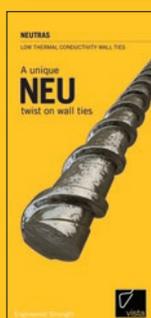
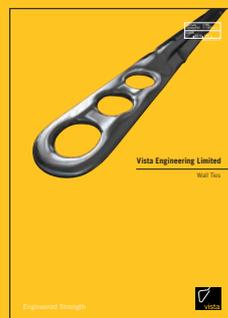
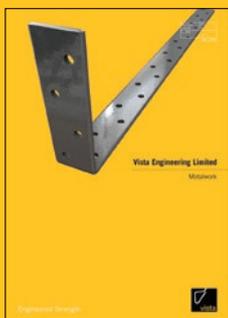
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