



PROFILES
FOR MODERN
BUILDING

PROTEKTOR UK

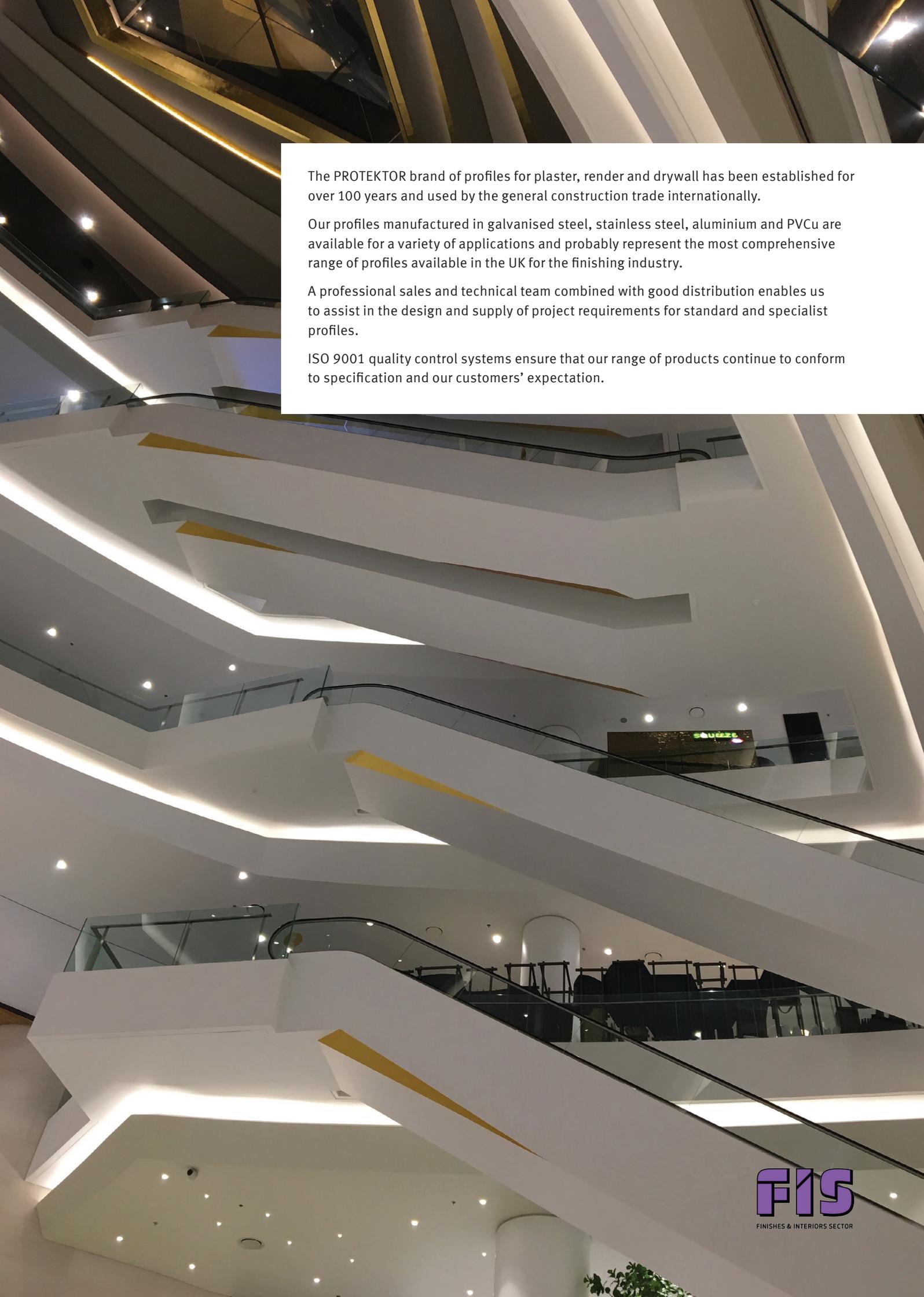
FINISHING PROFILES AND ACCESSORIES



PROTEKTOR

PLASTER PROFILES | DRY WALL PROFILES | EXPANDED METAL

www.protektor.com



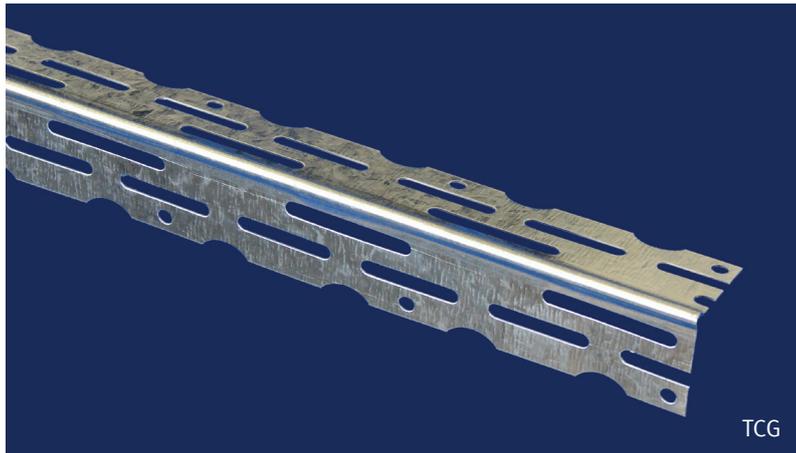
The PROTEKTOR brand of profiles for plaster, render and drywall has been established for over 100 years and used by the general construction trade internationally.

Our profiles manufactured in galvanised steel, stainless steel, aluminium and PVCu are available for a variety of applications and probably represent the most comprehensive range of profiles available in the UK for the finishing industry.

A professional sales and technical team combined with good distribution enables us to assist in the design and supply of project requirements for standard and specialist profiles.

ISO 9001 quality control systems ensure that our range of products continue to conform to specification and our customers' expectation.

PROTEKTOR THIN COAT & DRY WALL CORNER BEAD



The Protektor 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 preset 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.

TCG

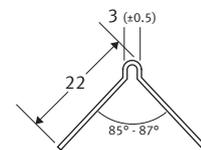
THIN COAT AND MINI MESH BEAD Galvanised Steel

Ref	Description	Length (Metres)		Qty/Pack
		2.4	3.0	
TCG	22mm Thin Coat Bead	•	•	50
LCG	25mm Thin Coat Bead	•	•	50
LCG135	135° Thin Coat Bead	•	•	10
LCG(30)	30mm Thin Coat Bead	•	•	25
MMG	28mm Mini Mesh Bead	•	•	50
LMG	32mm Mini Mesh Bead	•	•	25

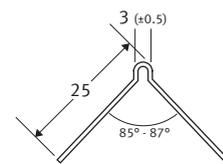
THIN COAT BEAD Stainless Steel

Ref	Description	Length (Metres)	Qty/Pack
		2.5	
2274	25mm Thin Coat Bead	•	25

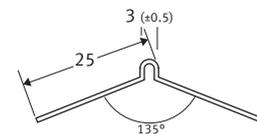
TCG 22mm Long Wing Thin Coat Bead



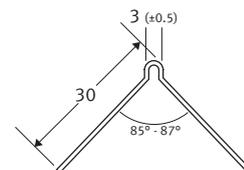
LCG 25mm Long Wing Thin Coat Bead



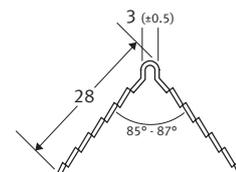
LCG135 25mm Wing 135° Angle Thin Coat Bead



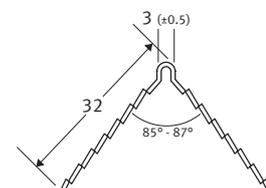
LCG(30) 30mm Thin Coat Bead



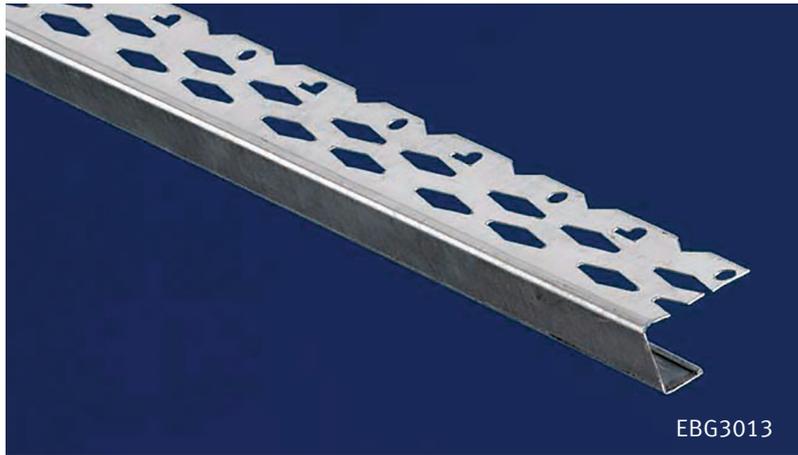
MMG 28mm Mini Mesh Bead



LMG 32mm Mini Mesh Bead



PROTEKTOR EDGE BEAD & THIN COAT STOP BEAD



The Protektor range of Stop and Edge Beads are designed to reinforce the edges of plasterboard.

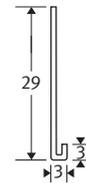
The edges of the perforated face must be fixed flush to the face of the board prior to finishing.

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.

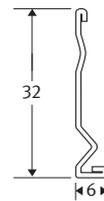
EDGE BEAD AND THIN COAT BEAD Galvanised Steel

Ref	Description	Length (Metres)		Qty/Pack
		2.4	3.0	
SBG3	3mm Stop Bead	•	•	50
SBG6	6mm Stop Bead		•	50
1234	12.5mm Edge Bead		•	25
EBG3010	9.5mm Edge Bead		•	50
EBG3013	12.5mm Edge Bead		•	50
EBG3015	15mm Edge Bead		•	50

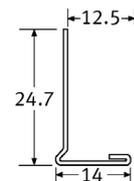
SBG3 3mm Stop Bead



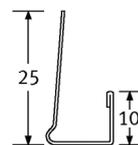
SBG6 6mm Stop Bead



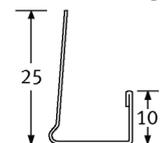
1234 10mm Stop Bead



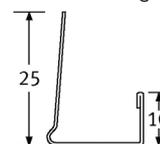
EBG3010 9.5mm Edging Bead



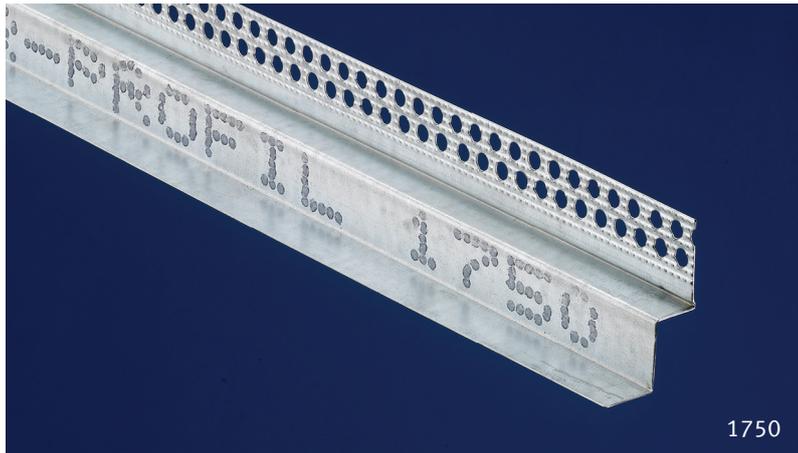
EBG3013 12.5mm Edging Bead



EBG3015 15mm Edging Bead



PROTEKTOR DRY WALL FEATURE BEAD

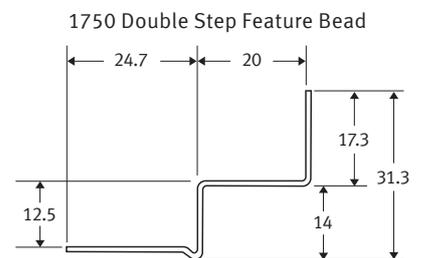


The Protektor range of Feature Beads are designed to act as a finishing profile whilst creating a shadow-like recess around door frames, ceilings and varying wall finishes. The profiles provide protection to edges of the plasterboard whilst providing a straight edge for ruling off, hence speeding up the installation process dramatically.

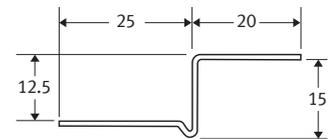
1750

DRY WALL FEATURE BEAD Galvanised Steel

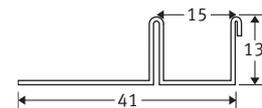
Ref	Description	Length (Metres)	Plasterboard Thickness (mm)	Qty/Pack
1750	Double Step Feature Bead	3.0	12.5	25
FBG13	Feature Bead with 20mm gap		12.5	25
1311	Feature Bead with 15mm return		12.5	15
1314	Feature Bead with 10mm gap		12.5	15
1304	Feature Bead with 10mm gap		15	15
1377	Feature Bead with 5mm gap		15	15



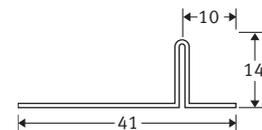
FBG13 Feature Bead with 20mm Gap



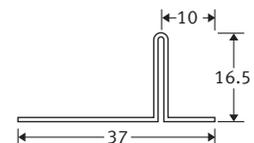
1311 Feature Bead with 15mm Return



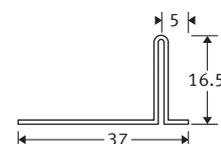
1314 Feature Bead with 10mm Gap



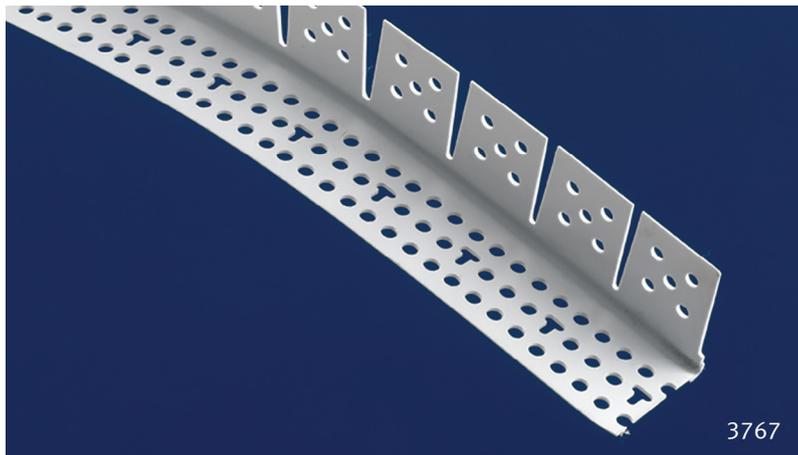
1304 Feature Bead with 10mm Gap



1377 Feature Bead with 5mm Gap



PROTEKTOR PVC DRY WALL CORNER & ARCH BEAD



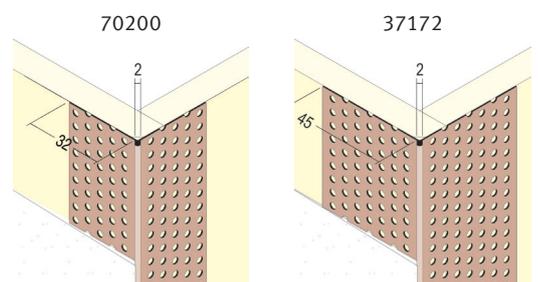
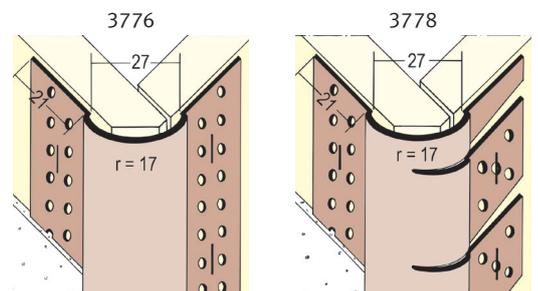
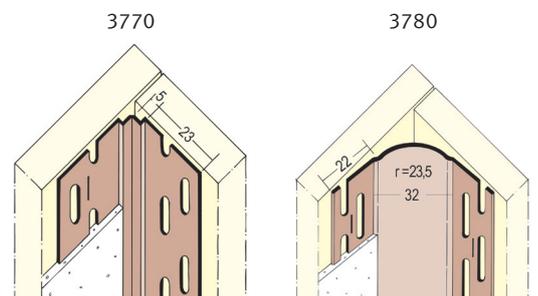
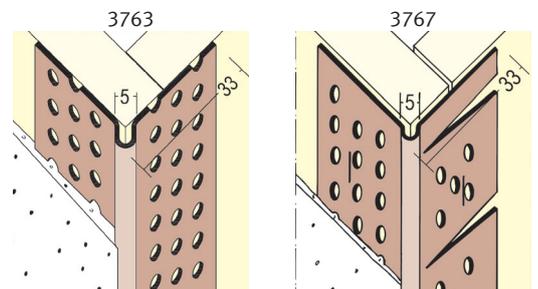
Protektor PVC Drywall finishing corner bead profiles ensure a good clean corner line is created with ease.

The collection of profiles profile finishing options for most Tape and Jointers with both standard 90 degree sharp corners and a bull nose corner available.

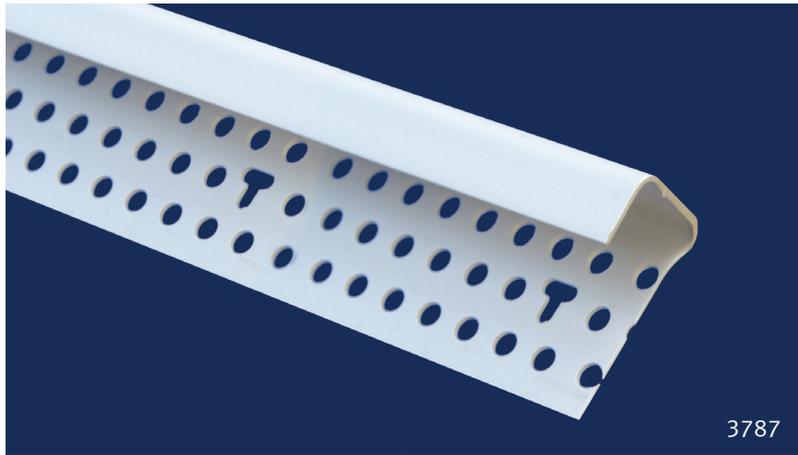
Other options are available for most design requirements and assist in creating a quality finish whilst reducing installation time.

DRY WALL CORNER AND ARCH BEAD

Ref	Description	Length (Metres)			Qty/Pack
		2.4	3.0	3.05	
70200	Slim Line Standard Corner Bead	•	•		50
70300	Paper Faced PVC Corner Bead Profile	•	•		50
37172	45mm Wing Slim Line Corner Bead			•	45
3763	32mm Wing Dry Wall Corner Bead			•	50
3767	32mm Wing Arch Bead			•	20
3770	Internal Corner Bead			•	70
3776	17mm Radius Bull Nose Corner Bead			•	35
3778	17mm Radius Bull Nose Arch Bead			•	35
3780	17mm Radius Bull Nose Internal Corner Bead			•	35
70350	10mm Radius Bull Nose Corner Bead			•	35
70351	10mm Radius Bull Nose Arch Bead			•	35



PROTEKTOR PVC DRY WALL EDGE & FEATURE BEAD

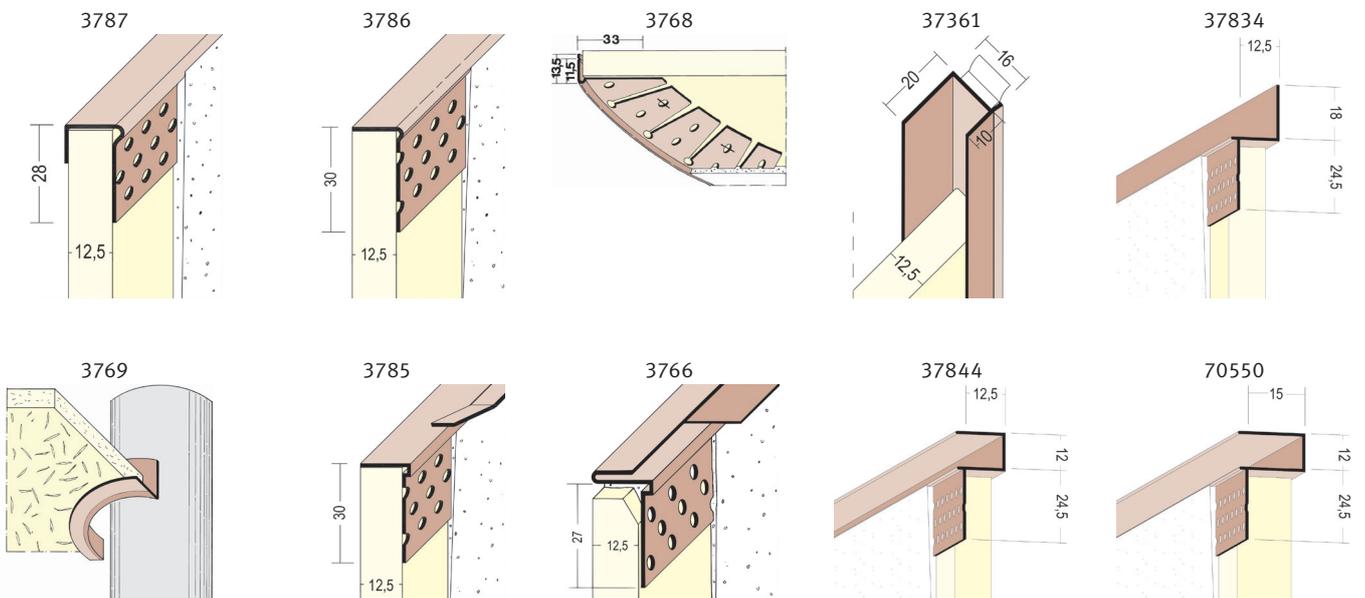
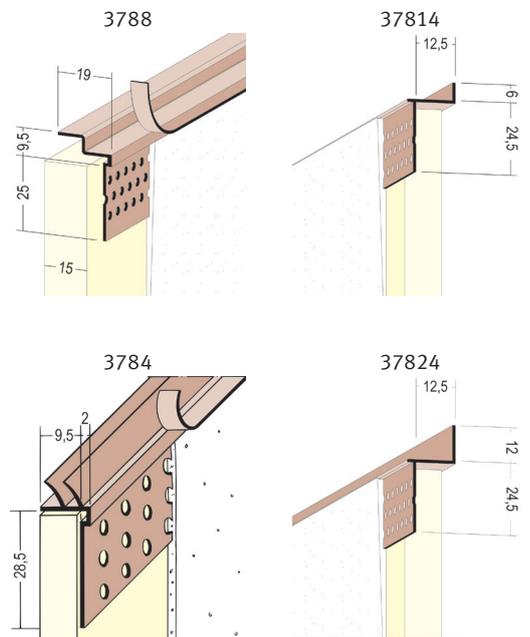


Protektor PVC Drywall finishing Edge bead ensure a good clean perimeter line is created with ease.

Whether creating a feature or simply looking to protect the finishing line surface the range provides an exclusive range of solutions for most tape and jointers, profile finishing options for most Tape and Jointing applications.

DRY WALL EDGE AND FEATURE BEAD

Ref	Description	Length (Metres)			Qty/Pack
		2.4	3.0	3.05	
3787	12.5mm Plasterboard Edge Bead	•	•		50
3786	Drywall Face fit Edge Bead	•	•		50
3768	Flexible Edge Bead Profile			•	20
3785	Drywall Face fit Edge Bead with Protective Edge Strip			•	50
3766	Décor Edge Bead with Replaceable Protective Strip			•	35
3788	Drywall Edge Feature bead with Protective Edge and a 4mm gap			•	40
3784	Face fit Edge Bead with Protective Edge Strip and Seal			•	30
37361	12.5mm Plasterboard Edge Bead with Seal			•	50
3769	Flexible Edge Bead Profile			•	10
37814	12.5mm Drywall Feature bead with 6mm gap			•	50
37824	12.5mm Drywall Feature bead with 12mm gap			•	50
37834	12.5mm Drywall Feature bead with 18mm gap			•	50
37844	12.5mm Drywall Feature bead with 12mm gap/return			•	25
70550	15mm Drywall Feature bead with 12mm gap/return			•	20



PROTEKTOR PVC DRY WALL REVEAL & MOVEMENT JOINT PROFILES

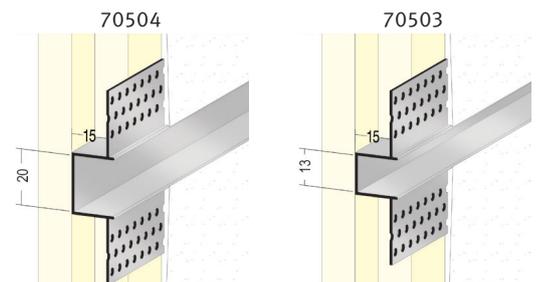
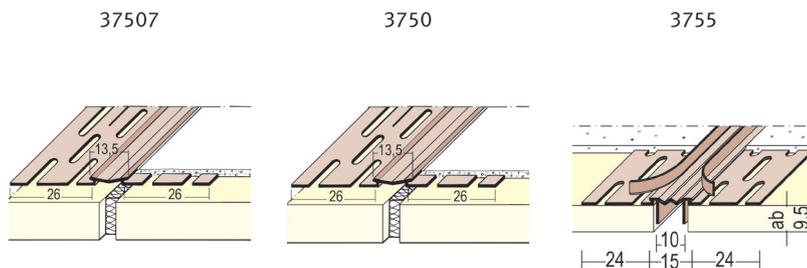
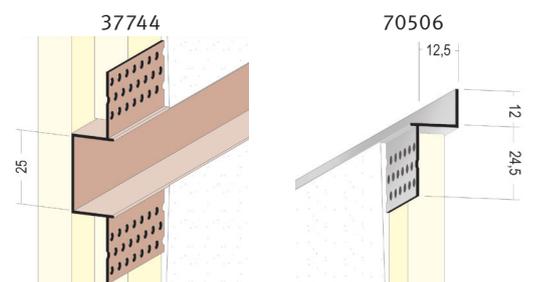
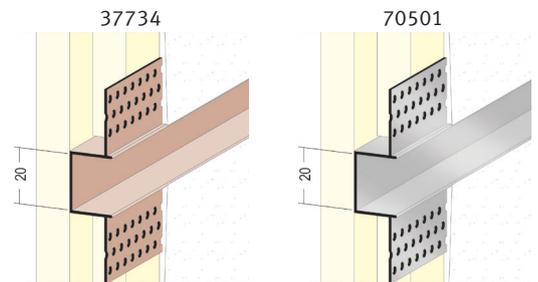
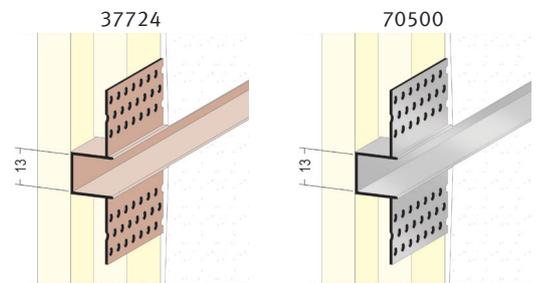


Protektor PVC Movement joint and reveal profiles provide an essential solution to finishing and detailing when installing drywall constructions. The variety of profiles offer the designer and installer a number of options when looking to finish walls with a tape and joint finish.

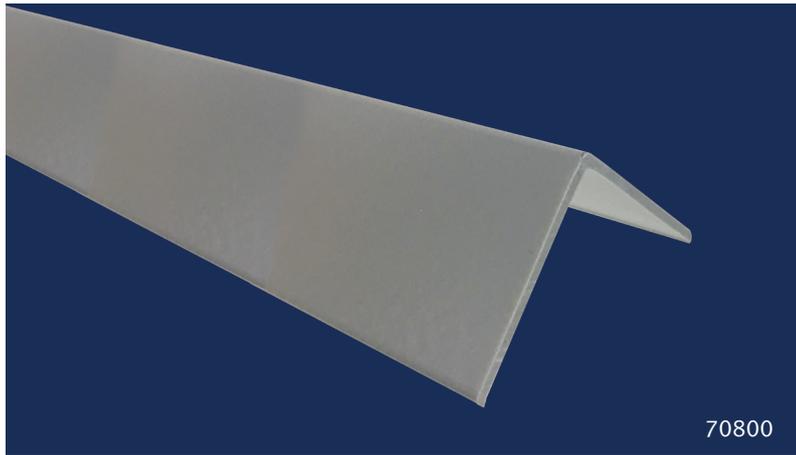
Our New Silver finished profile range brings even further design solutions forward whilst focusing on maintaining a good cost solution to otherwise timely and expensive detailing. Many other solutions are available please do not hesitate to contact our office for your specific need should it not be shown below.

DRY WALL REVEAL AND MOVEMENT JOINT PROFILES

Ref	Description	Length (Metres)			Qty/Pack
		2.44	3.0	3.05	
37507	Movement joint profile	•			50
3750	Movement joint profile roll		75		1
3755	Movement Joint profile with protective edge strips	•			25
37724	12.5mm Plasterboard Drywall Reveal Bead with 13mm gap	•			20
37734	12.5mm Plasterboard Drywall Reveal Bead with 20mm gap	•			15
37744	12.5mm Plasterboard Drywall Reveal Bead with 25mm gap	•			15
70500	NEW! Silver Finish - 12.5mm Plasterboard Drywall Reveal bead with 13mm gap	•			20
70501	NEW! Silver Finish - 12.5mm Plasterboard Drywall Reveal bead with 20mm gap	•			15
70506	NEW! Silver Finish - 12.5mm Plasterboard Drywall Feature bead with 12mm gap	•			50
70503	NEW! Silver Finish - 15mm Plasterboard Drywall Reveal bead with 13mm gap	•			15
70504	NEW! Silver Finish -15mm Plasterboard Drywall Reveal bead with 20mm gap	•			15



PROTEKTOR CORNER GUARDS



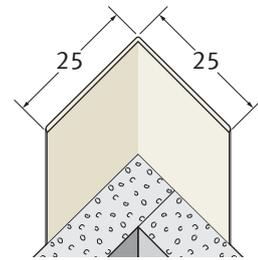
Protektor Corner Guards are easily installed over 90° finished corners and provide a high level of impact corner protection on plasterboard partitions and also retro fitted to existing constructions. Available in a variety of sizes ranging from 25mm x 25mm, 38mm x 38mm and 50mm x 50mm.

Install using adhesive caulk the profiles can blend aesthetically onto the partition wall reducing costing refurbishment work and improving the finished presentation of the construction. The range has a selection of standard colours as shown below and can simply be cut back to the desired length from stock lengths of 1.2 and 2.4.

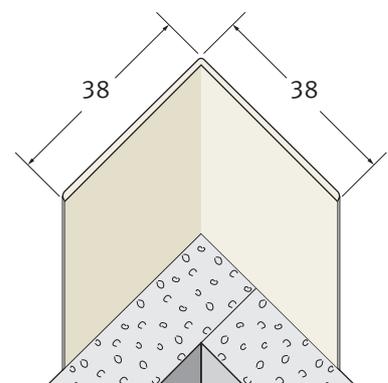
CORNER GUARDS

Ref	Description	Length (Metres)			Qty/Pack
		1.2	2.4	3.05	
70800/12	25mm x 25mm Rigid Corner Guard, White	•			25
70801/12	25mm x 25mm Rigid Corner Guard, Silver	•			25
70802/12	25mm x 25mm Rigid Corner Guard, Grey	•			25
70803/12	25mm x 25mm Rigid Corner Guard, Black	•			25
70804/12	25mm x 25mm Rigid Corner Guard, White Sand	•			25
70810/24	25mm x 25mm Rigid Corner Guard, White		•		25
70811/24	25mm x 25mm Rigid Corner Guard, Silver		•		25
70812/24	25mm x 25mm Rigid Corner Guard, Grey		•		25
70813/24	25mm x 25mm Rigid Corner Guard, Black		•		25
70814/24	25mm x 25mm Rigid Corner Guard, White Sand		•		25
70818/30	25mm x 25mm Rigid Corner Guard, White			•	25
70820/12	38mm x 38mm Rigid Corner Guard, White	•			10
70821/12	38mm x 38mm Rigid Corner Guard, Silver	•			10
70822/12	38mm x 38mm Rigid Corner Guard, Black	•			10
70830/24	38mm x 38mm Rigid Corner Guard, White		•		10
70831/24	38mm x 38mm Rigid Corner Guard, Silver		•		10
70832/24	38mm x 38mm Rigid Corner Guard, Grey		•		10

70800 - 70818

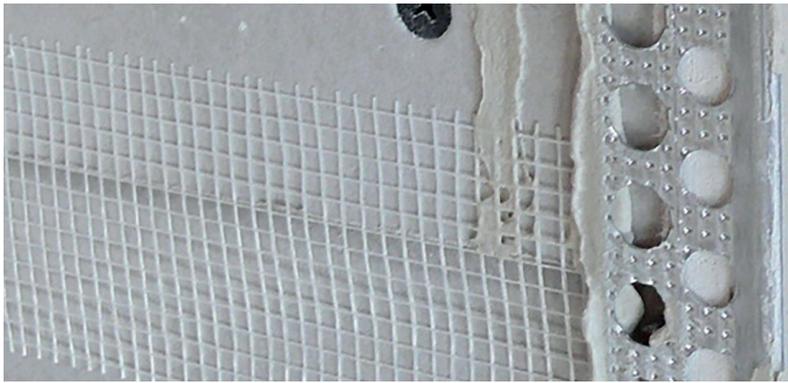


70820 - 70832



AVAILABLE COLOURS





Protektor have a variety of materials suitable for Tape and Jointing finish work from bedding tape to pre mixed joint filler suitable for hand or machine finish.

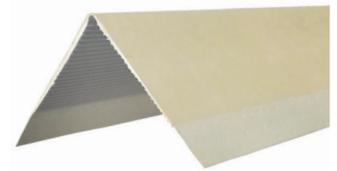
Our range of paper tapes and paper faced corner bead allows the discerning installer the opportunity to provide the best possible level of finish.

Other profiles and accessories such as Edge, Feature, Movement Bead with a extensive range of access panels compliment the range shown below and are available from stock.

PAPER FACED CORNER BEAD

Specially designed PVC Bead with paper face for excellent adhesion qualities. Grooves on inner face ensure a perfect key whilst allowing the paper face to complete the finishing process ensuring good clean lines.

Ref	Description	Length (Metres)	Qty/Pack
70300	Paper Faced PVC Corner Bead Profile	2.4 & 3.0	50



PAPER JOINT TAPE

With central groove and double perforations. Ideally suited for as a reinforcing strip for covering joints on gypsum and gypsum fibreboards.

Ref	Description	Length (Metres)	Qty/Pack
53112	50mm Paper Joint Tape	150	10



FLEXIBLE METAL CORNER TAPE

With central groove and double perforations. Ideally suited for as a reinforcing strip for covering joints on gypsum and gypsum fibreboards.

Ref	Description	Length (Metres)	Qty/Pack
53000	50mm Flexible Metal Corner Tape	30	10



FIBRE GLASS JOINT TAPE

Ideally suited for use as a reinforcing strip for covering joints on gypsum and gypsum fibreboards as well as for repairing cracks and holes.

Ref	Description	Length (Metres)	Qty/Pack
53127	50mm Self Adhesive Drywall Fibre Tape	90	24



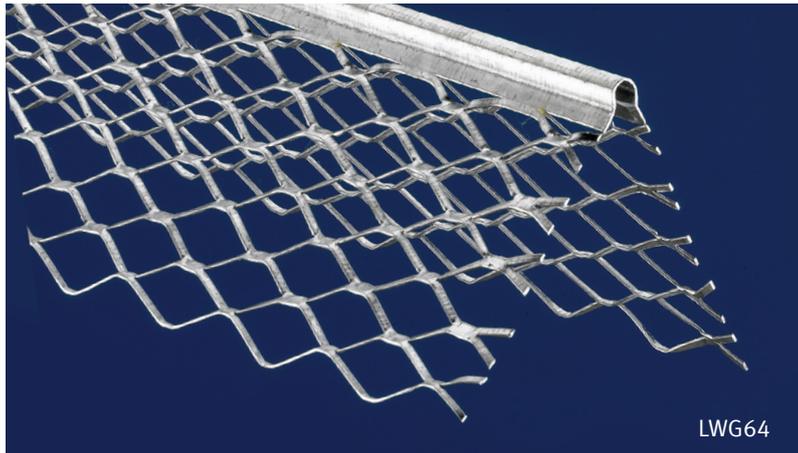
JOINT FILLER

Pre Mixed Joint filler supplied in 25 kilo tubs is a air-drying, lightweight full taping and jointing compound.

Ref	Description	Size	Qty/Pallet
1439	Pre-Mixed Joint Filler	25 Kilos	24



PROTEKTOR ANGLE BEAD



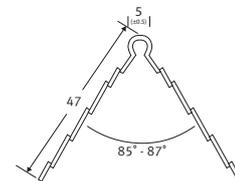
Protektor Angle Beads provide a true, straight axis that protects and reinforces plaster where it is most vulnerable. The expanded metal wings ensure that the bead is firmly embedded in the plaster.

LWG64

ANGLE BEAD Galvanised Steel

Ref	Description	Length (Metres)			Qty/Pack
		2.4	2.7	3.0	
ABG	47mm Standard	•	•	•	50
LWG53	53mm Long Wing	•	•	•	50
LWG64	64mm Long Wing			•	25

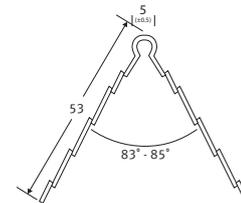
ABG / ABS 47mm Standard Angle Bead



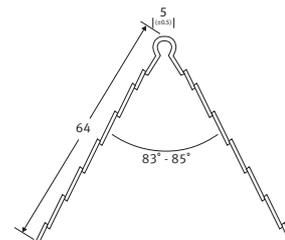
ANGLE BEAD Stainless Steel

Ref	Description	Length (Metres)			Qty/Pack
		2.4	2.7	3.0	
ABS	47mm Standard			•	25
LWS53	53mm Long Wing			•	25

LWG53 / LWS53 53mm Long Wing Angle Bead



LWG64 64mm Long Wing Angle Bead



PROTEKTOR STOP BEAD



Protektor's 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.

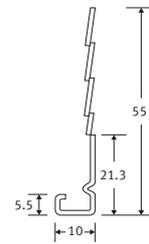
STOP BEAD Galvanised Steel

Ref	Description	Length (Metres)			Qty/Pack
		2.4	2.7	3.0	
SBG10	10mm Stop Bead	•	•	•	50
SBG13	13mm Stop Bead	•	•	•	50
SBG19	19mm Stop Bead	•		•	25

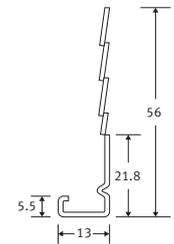
STOP BEAD Stainless Steel

Ref	Description	Length (Metres)			Qty/Pack
		2.4	2.7	3.0	
SBS10	10mm Stop Bead			•	25
SBS13	13mm Stop Bead			•	25
SBS19	19mm Stop Bead			•	25

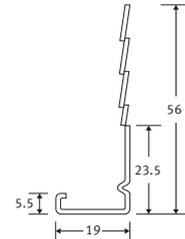
SBG10 / SBS10
10mm Stop Bead



SBG13 / SBS13
13mm Stop Bead



SBG19 / SBS19
19mm Stop Bead



PROTEKTOR BELL CAST RENDER STOP BEAD

Protektor Render Stop Bead profiles provide the ideal answer to finishing the lower edges of render work. The Bell Cast External Render Stop Bead, when used correctly, will assist in creating a bell finish which will allow rainwater to run-off from the surface of the wall. Both profiles provide a straight line that will protect and reinforce the render.

Care should be taken during the application to ensure that the profile is set out level and also that the bead does not get damaged. When render needs to be cleaned off, this should be done while it is still wet.

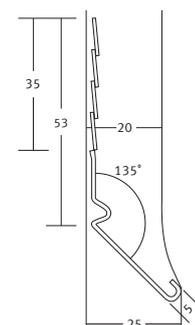
BELL CAST RENDER STOP BEAD Galvanised Steel

Ref	Description	Length (Metres)			Qty/Pack
		2.4	2.7	3.0	
BCG	20mm Bell Cast Render Stop Bead	•	•	•	25

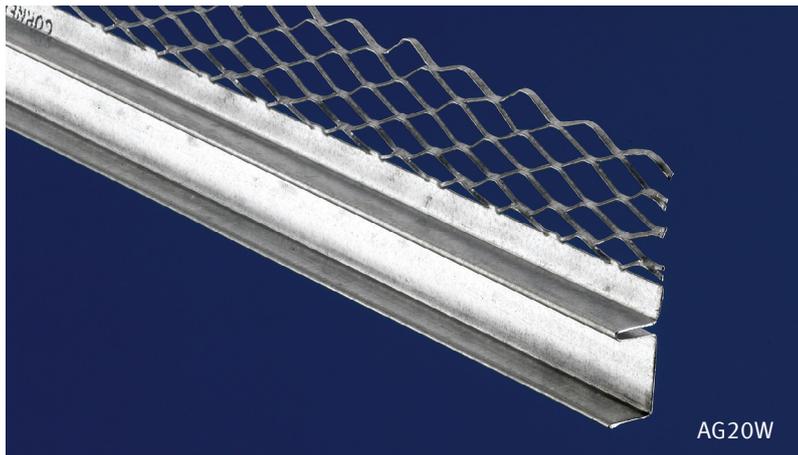
BELL CAST RENDER STOP BEAD Stainless Steel

Ref	Description	Length (Metres)			Qty/Pack
		2.4	2.7	3.0	
BCS	20mm Bell Cast Render Stop Bead			•	25

BCG / BCS 20mm Bell
Cast Render Stop Bead



PROTEKTOR ARCHITRAVE BEAD



Protektor Architrave Beads are designed to act as a plaster stop profile whilst creating a shadow-like recess around door frames, ceilings and varying wall finishes.

The Architrave Bead will increase the speed of installation and finishing process dramatically.

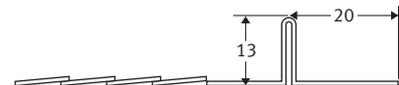
ARCHITRAVE BEAD Galvanised Steel

Ref	Description	Length (Metres)	Qty/Pack
		3.0	
AG3010	10mm Architrave without Return	•	25
AG3010W	10mm Architrave with Return	•	25
AG3013	13mm Architrave without Return	•	25
AG3013W	13mm Architrave with Return	•	25
AG20W	13mm Architrave with 20mm Return	•	25
AG25W	13mm Architrave with 25mm Return	•	25
AG30W	13mm Architrave with 30mm Return	•	25

AG3010 10mm Architrave without Return



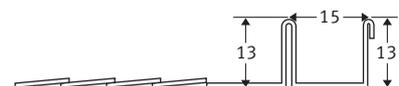
AG3013 13mm Architrave without Return



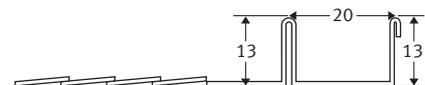
AG3010W 10mm Architrave with Return



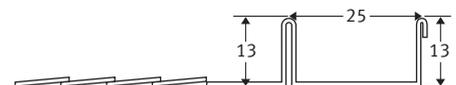
AG3013W 13mm Architrave with Return



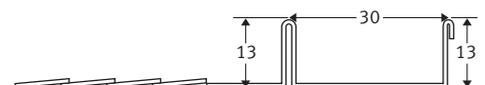
AG20W 13mm Architrave with 20mm Return



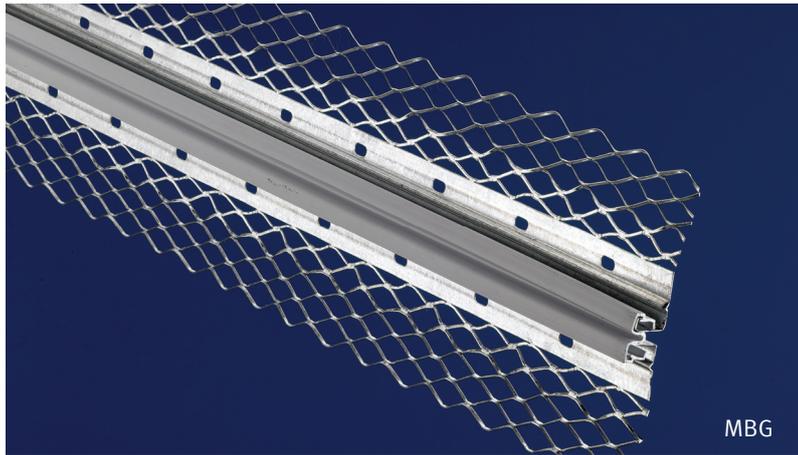
AG25W 13mm Architrave with 25mm Return



AG30W 13mm Architrave with 30mm Return



PROTEKTOR MOVEMENT BEAD



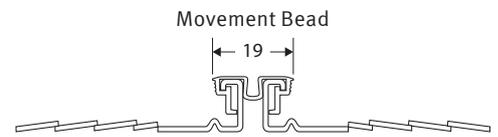
Protektor Movement Bead provides a solution to thermal movement in plaster and rendered finishes.

When placed vertically at predetermined centres, the profile will provide 6mm movement, hence reducing the possibility of cracking.

The face of the extrusion is covered by a black PVC tape; to be removed when the plaster or render work has been completed.

MOVEMENT BEAD Galvanised Steel

Ref	Description	Length (Metres)	Qty/Pack
		3.0	
MBG3010	10mm Movement Bead	•	10
MBG3013	13mm Movement Bead	•	10
MBG3016	16mm Movement Bead	•	10
MBG3019	19mm Movement Bead	•	10

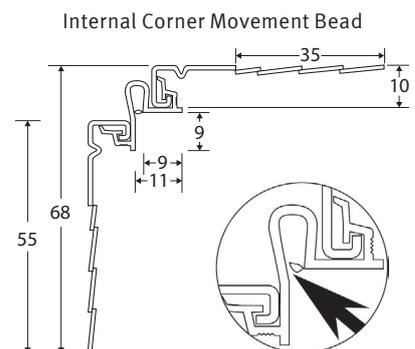


MOVEMENT BEAD Stainless Steel

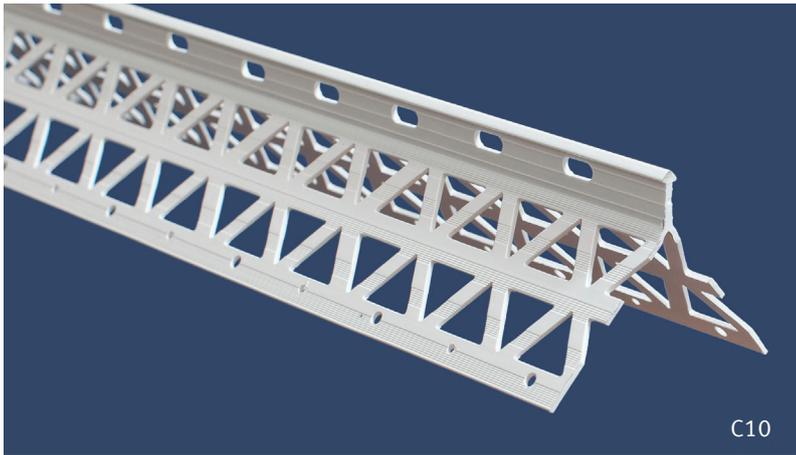
Ref	Description	Length (Metres)	Qty/Pack
		3.0	
MBS3010	10mm Movement Bead	•	10
MBS3013	13mm Movement Bead	•	10
MBS3016	16mm Movement Bead	•	10
MBS3019	19mm Movement Bead	•	10

INTERNAL CORNER MOVEMENT BEAD Galvanised Steel

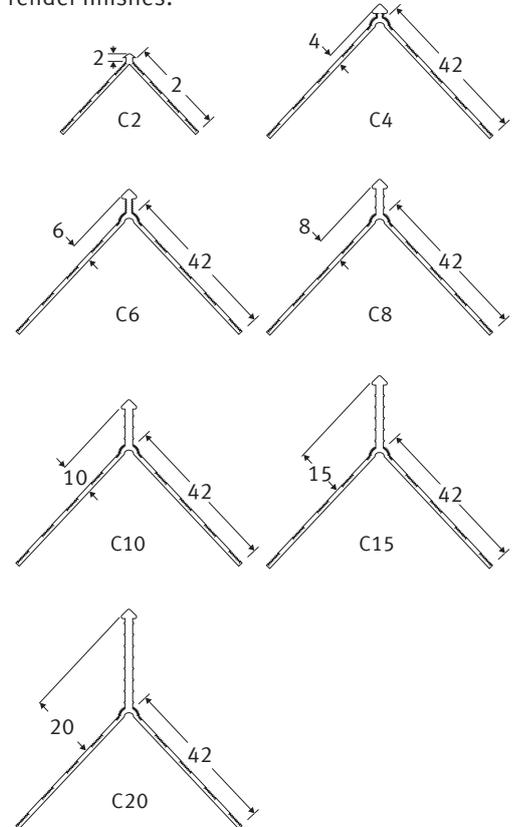
Ref	Description	Length (Metres)	Qty/Pack
		3.0	
IMG3010	10mm Movement Bead	•	10
IMG3013	13mm Movement Bead	•	10



PROTEKTOR PVCu BEAD FOR PLASTER & RENDER FINISH



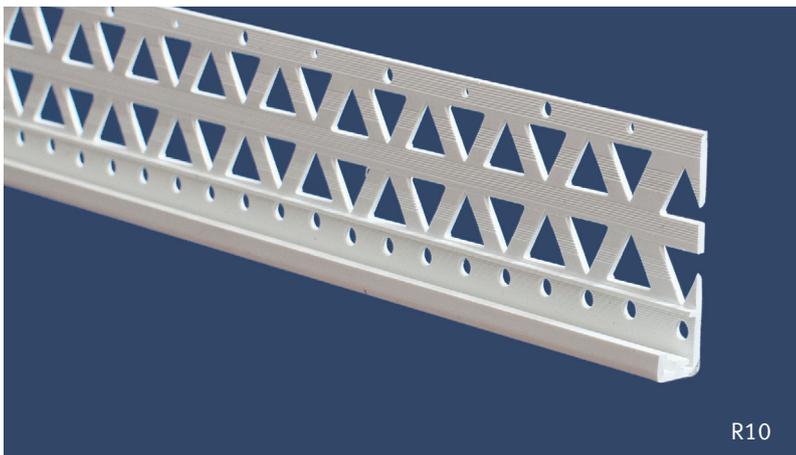
PVCu corner/angle bead featuring a new wider 9mm nose that accentuates the corner detail. Designed for functionality, the profile is quick and easy to install for use in 12-15mm external render finishes.



CORNER / ANGLE BEAD

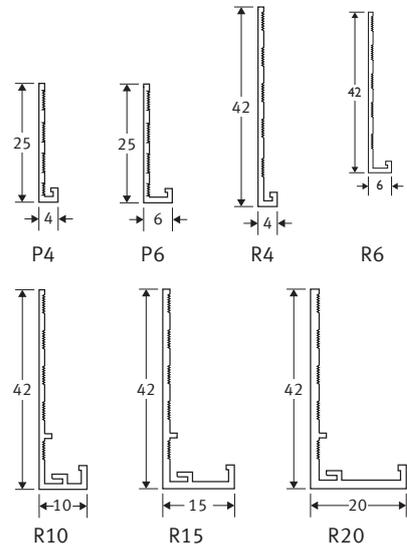
Ref	Render Depth (mm)	Length (Metres)	Qty/Pack
C2	2 - 3	2.5	25
C4	4 - 6	2.5	25
C6	6 - 8	2.5	25
C8	8 - 10	2.5	25
C10	10 - 12	2.5	25
C15	15 - 17	2.5	25
C20	20 - 23	2.5	25

STOP BEAD



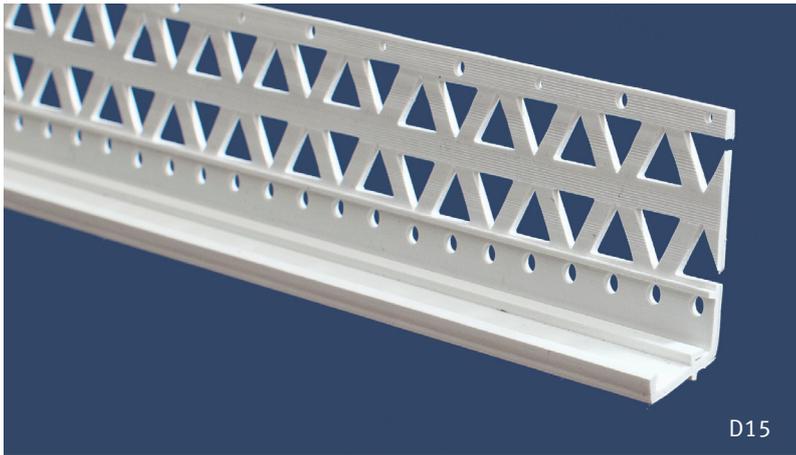
Protektor PVCu Stop Bead Provides a straight line with protection to the edge of a rendered façade or reveal.

The profile will help provide a level crack resistance and a clean finish to the edges of render work.



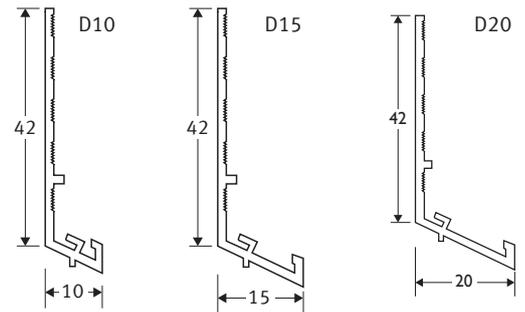
Ref	Render Depth (mm)	Length (Metres)	Qty/Pack
P4	4	2.5	25
P6	6 - 8	2.5	25
R4	4	2.5	25
R6	6 - 8	2.5	25
R10	10 - 12	2.5	25
R15	15 - 17	2.5	25
R20	20 - 22	2.5	25

PROTEKTOR PVCu BEAD FOR PLASTER & RENDER FINISH



PVCu Bellcast bead is designed to create a gentle gradient when finishing the base of the render.

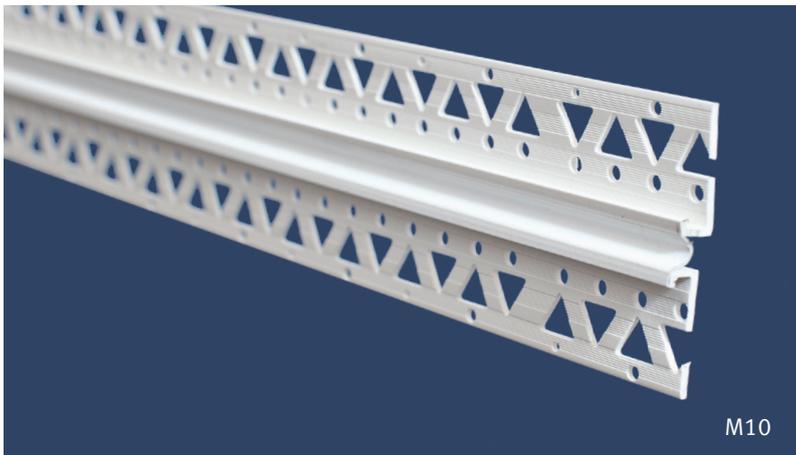
The profile can also be used above doors, windows and at DPC level to project rainwater to clear of the underlying substrate.



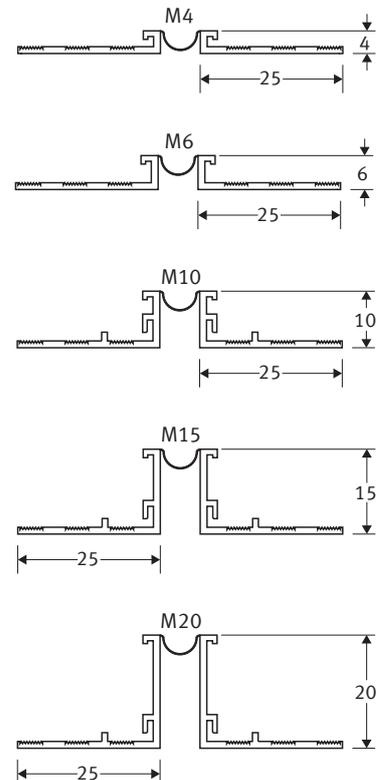
BELLCAST BEAD

Ref	Render Depth (mm)	Length (Metres)	Qty/Pack
D10	6 - 12	2.5	25
D15	10 - 17	2.5	25
D20	13 - 22	2.5	25

MOVEMENT BEAD

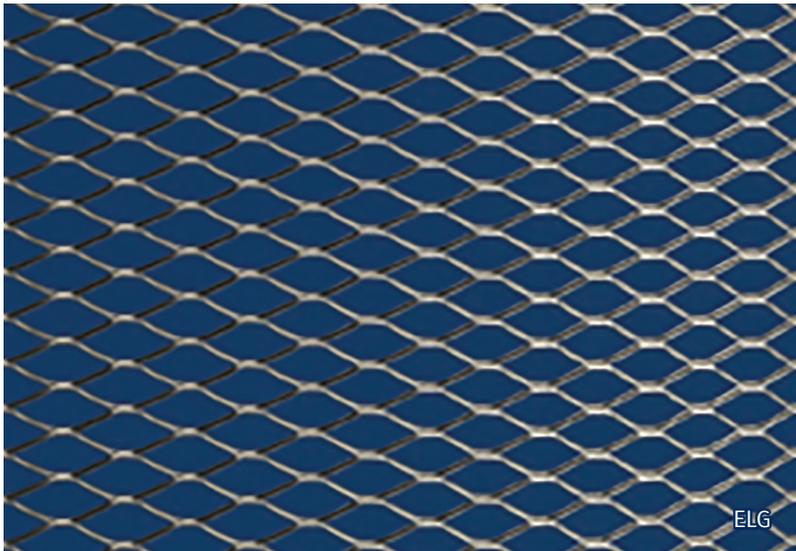


Protektor PVCu Movement Bead is installed vertically and used when providing a finished wall the facility to provide minor levels of Thermal movement within the rendered finish or were a day joint is required.



Ref	Render Depth (mm)	Length (Metres)	Qty/Pack
M4	4 - 6	2.5	25
M6	6 - 8	2.5	25
M10	10 - 12	2.5	25
M15	15 - 17	2.5	25
M20	20 - 22	2.5	25

PROTEKTOR EXPANDED METAL LATH



Cornercare 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 - require a lath of 1.69 kilos per m².

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

INTERNAL USE

Galvanised Lath is used for internal plaster work; manufactured from galvanised steel to BS EN 10346 : 2009 DX51D + Z275.

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.

COSHH CERTIFICATION

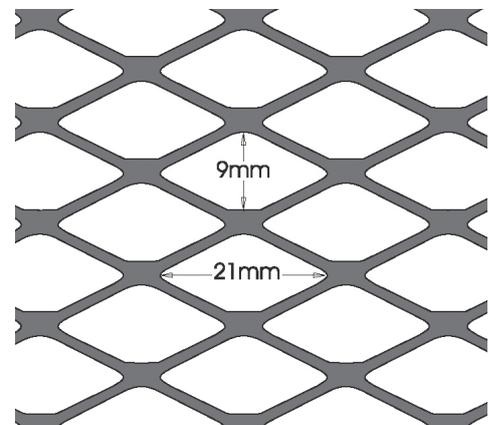
Copy data can be downloaded with product illustrations from our website.

METAL LATH SHEET Galvanised Steel

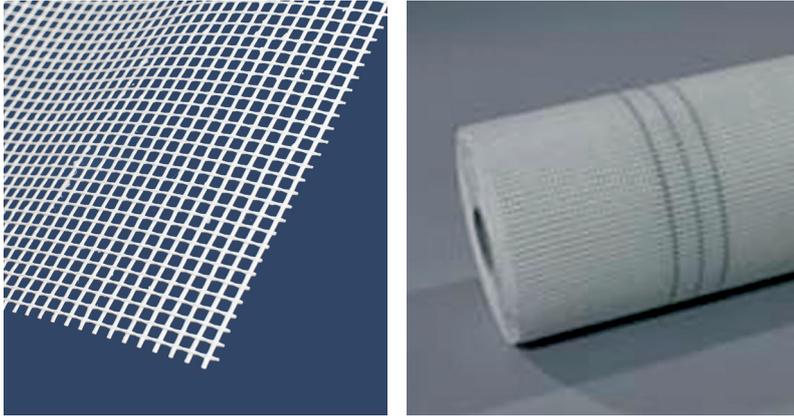
Ref	Nom. Material Thickness (mm)	Nominal Mess Size (mm)	Nominal Kilos/M ²	Size Width x Length (mm)
ELG428	0.4	9 x 21	0.91	2440 x 685
ELG426	0.5	9 x 21	1.15	2440 x 685
ELG425	0.6	9 x 21	1.40	2440 x 685
ELG424	0.7	9 x 21	1.63	2440 x 685

METAL LATH SHEET Stainless Steel

Ref	Nom. Material Thickness (mm)	Nominal Mess Size (mm)	Nominal Kilos/M ²	Size Width x Length (mm)
ELS426	0.5	9 x 16	1.10	2440 x 685



PROTEKTOR FIBRE MESH



Protektor Alkali resistant Fibre Mesh is ideal for use in general construction when reinforcing finishes in plasterboard joints abutting ceilings, patching or acting as a reinforcement for plaster and rendered finishes.

Fibre Mesh rolls are available in large roll format for ease of use when applying over large areas.

ALKALI RESISTANT FIBRE MESH

Ref	Description	Length m	Width mm	Weight per m2 (Grams)
1096	90mm x 70mm Corner Fibre Mesh Profile	50	160	280
1493	Fibre Mesh Roll 4mm x 4mm	50	1000	145
1491	Fibre Mesh Roll 4mm x 4mm	50	1000	160

PROTEKTOR INSECT MESH



Protektor Insect Mesh available in Black PVC Coated Fibreglass, Aluminium and in Grade 304 Stainless Steel is ideal for use in areas where insect control is required.

The Black Fibreglass mesh is soft and easy to manipulate into tight areas and being hard to see it will blend into the background.

The Stainless Steel product is rust resistant and particularly effective in food preparation areas.

INSECT MESH

Ref	Description	Length m	Width mm	Weight per m2 (Grams)
FLYMESH-200mm	200mm Wide Black Fibreglass Insect Mesh	30	200	120
FLYMESH-1200mm	1200mm Black Fibreglass Insect Mesh	30	1200	120
FLYMESH-2000mm	2000mm Black Fibreglass Insect Mesh	30	2000	120
FLYMESH-ALI	1200mm Aluminium Insect Mesh	30	1200	125
FLYMESH-S/STEEL	1200mm Stainless Steel Insect Mesh	30	1200	545

PROTEKTOR SECURITY MESH



The Protektor range of Security Mesh is specifically designed for use within partitions, ceilings, walls and roofing constructions to deter or prevent illegal entry into areas such as secure Cash Rooms, IT Centres, drug storage or high value goods storage areas.

Easily installed, the Security Meshes can be used within plasterboard constructions or on blockwork and then plastered or rendered.

FIXING ADVICE

When installing Security Mesh the sheets should be butted together and not overlapped.

FIXING SECURITY MESH TO TIMBER JOISTS

38 - 45mm zinc coated screws should be used with 25mm x 1.5mm galvanised washers at 450mm centres.

FIXING SECURITY MESH TO PROTEKTOR STEEL PARTITION PROFILES

6/8 x 32mm or 38mm dry wall screws should be used with 25mm x 1.5mm galvanised washers at 450mm centres.

SECURITY MESH

Ref	Description	Size (nominal)	Finished Thickness	Weight per m2
SEC-1	Heavy Duty Mild Steel Expanded Security Mesh	2440 x 1220mm	3.0mm	8.59
SEC-2	Medium Duty Mild Steel Expanded Security Mesh	2440 x 1220mm	1.85mm	3.19
SEC-3	Light Duty Mild Steel Expanded Security Mesh	2440 x 1220mm	1.25mm	1.85

PROTEKTOR SECURITY PANELS



Protektor galvanised perforated security panels are used externally when covering windows or doorways preventing illegal entry to properties in the process of refurbishment.

The panels can be re-used on other construction sites requiring total security and protection against vandalism once the property has been completed.

FIXING SECURITY PANELS TO TIMBER FRAMES

45 - 57mm zinc coated screws should be used at 450mm centres. After installation the screw heads should be ground so as to prevent easy removal of the fixings. For increased or high security performance, heavier weighted meshes should be used and fixing centres reduced. Please refer to the Protektor Technical Office for steel profile recommendations.

SECURITY PANELS

Ref	Description	Size (nominal)	Finished Thickness	Weight per m2
SEC-9	1.2mm Galvanised Perforated Security Panel	2440 x 1220mm	1.2mm	9.6
SEC-10	3mm Galvanised Perforated Security Panel	2440 x 1220mm	3.0mm	24
SEC-11	1.2mm Galvanised Plain Security Panel	2440 x 1220mm	1.2mm	9.6
SEC-12	3mm Galvanised Plain Security Panel	2440 x 1220mm	3.0mm	24



MATERIALS

Protektor Galvanised Bead for Plaster, Plasterboard and Render.

Protektor Galvanised Expanded Brick Reinforcement and Expanded Lath.

Manufactured from Galvanised Steel to BS EN 10327 - DX51D+275.

Protektor Stainless Steel Bead.

Protektor Stainless Steel Expanded Brick Reinforcement/Expanded Lath.

Manufactured from Austenitic Stainless Steel to BS EN 10088-2 grade 1.4301.

Protektor Galvanised Dry Wall Profiles for Ceilings and Partitions.

Manufactured from Galvanised Steel to BS EN 10327 - DX51D.

Protektor Security Mesh.

Manufactured from Cold Rolled Mild Steel to BS EN 10130: 1991 (SEC2 & 3), and HRP&O Mild Steel to BS EN 10111:1998 (SEC1).

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 7364: 1990 - Specification for galvanised steel studs and channels for studs and sheet partitions and linings using screw fixed gypsum boards.

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

Protektor's 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.



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