

January 2005

Decorative Columns

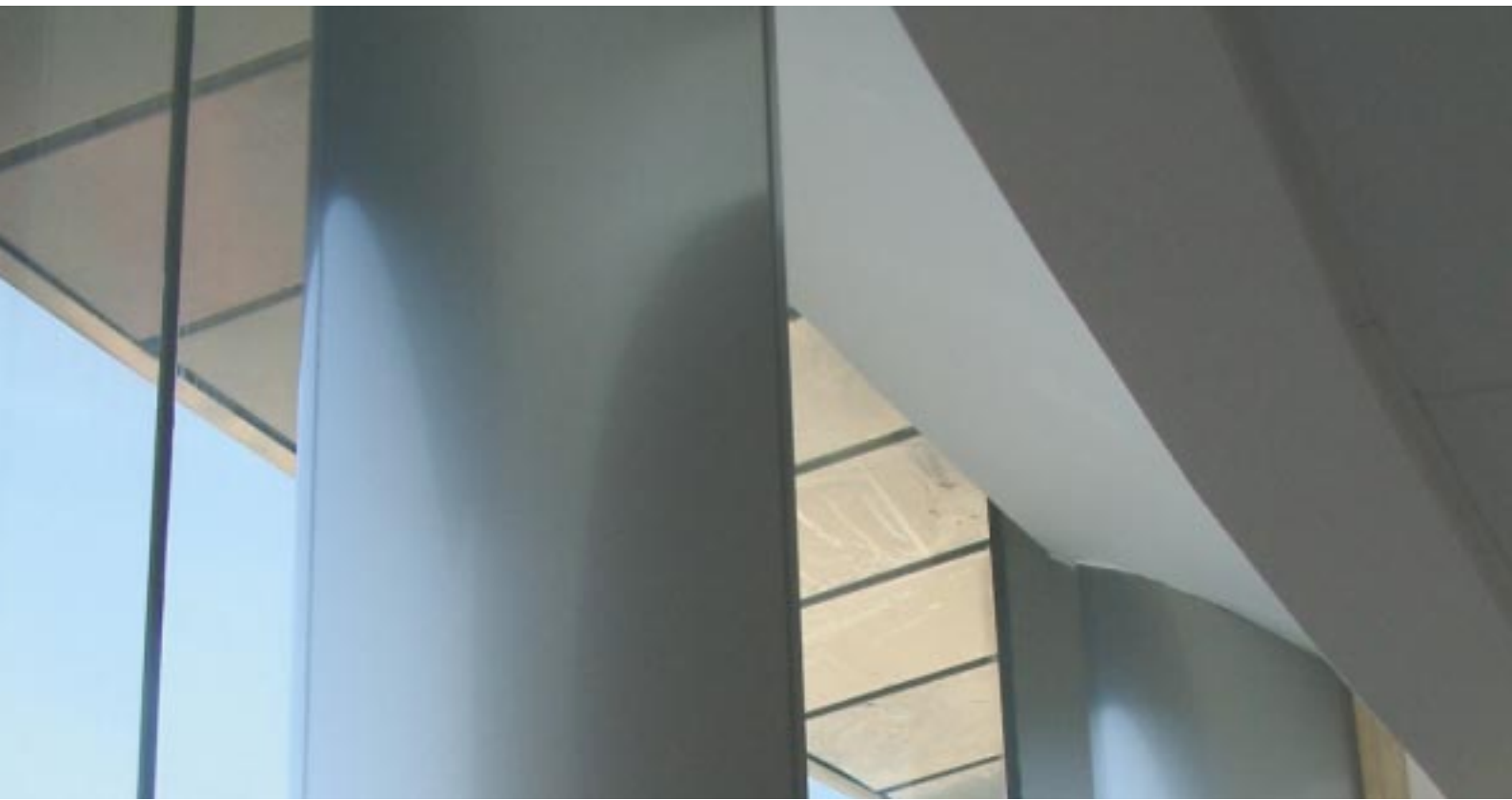
technical handbook

PENDOCK

CASING & ENCLOSURE SYSTEMS

www.pendock.co.uk

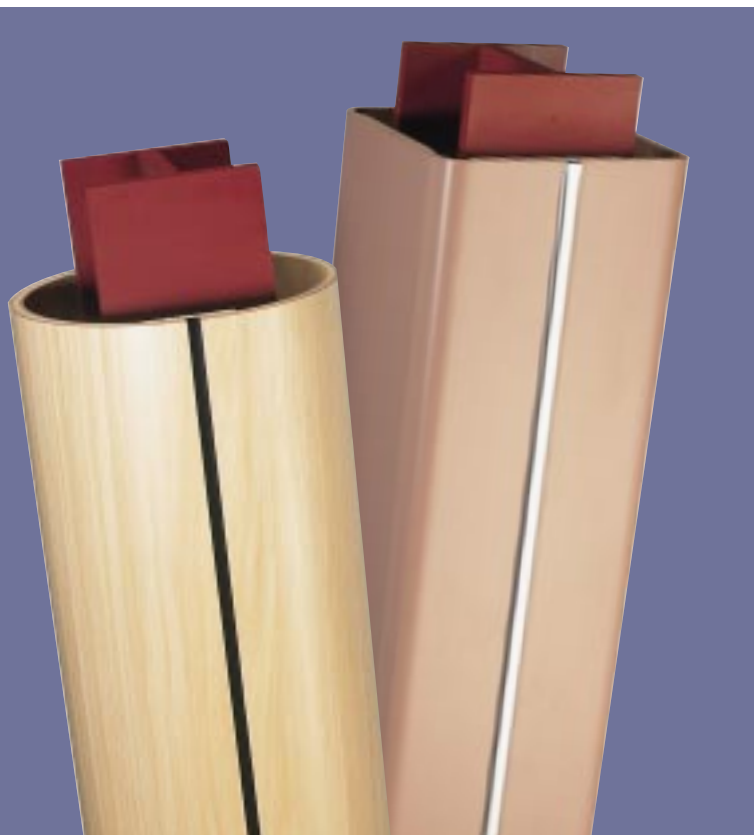




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About Us



KEY FEATURES AND BENEFITS OF PENDOCK PRODUCTS

- Strong and lightweight.
- Pre-finished, maintenance free and ready to install.
- Off-site construction.
- Available with veneer, laminate, melamine or natural finishes.
- Wide variety of standard shapes and sizes.
- Soft curves for practicality, safety and hygiene.
- Bespoke design service available.
- Quick and easy to fit.
- Low life-time costs.

THE COMPANY

Pendock introduced a unique range of pre-formed plywood casings and enclosure systems in 1987 and is now recognised as a major international supplier to the building industry.

In responding to the demands of specifiers and contractors Pendock has developed comprehensive solutions to the challenges of enclosing structures and services for building interiors.

Today, Pendock is a member of the Alumasc Group plc and operates as part of the Building Products Division.

INSTALLED COSTS

Impartial studies and comprehensive assessments of the installed cost of Pendock's casing systems have been undertaken against conventional site made casing. Pendock's construction of the casing negates the need for site decoration. This results in a dramatic reduction in cost and installation time.

WHAT CAN PENDOCK DO FOR YOU?

For designers

Overcome the problems of unsightly, exposed building services and structural features with beautiful casings in a variety of finishes. Make your mark on the building's interior with stylish and elegant column casings - you can even choose the shape.

For installers

Reduce your labour costs by up to two thirds with Pendock casings. Installation is quick and easy, and on-site decoration is unnecessary.

FINISHES

You name it, we'll provide it; the widest range of melamines, laminates, copper, aluminium, stainless steel, leather and rubber. Even chromatic finishes which change colour as you move past them! Or if you wish to decorate on site, we can provide casings in a natural finish.

SHAPE, SIZE & STYLE

Circular, square or bespoke - you design it, we'll make it.

PROJECT SUPPORT SERVICE

Backup from a dedicated design & project support service, which includes assistance with product design, site liaison and senior management control of key projects to ensure the successful manufacture of our products to you on time, on budget and to the highest standards.

So regardless of the material, the finish, the shape or size, the building, the architectural style or the budget, you can be assured that Pendock have the exact product for you, backed up by excellent service from the column casings specialists.

Fire Considerations



Although many of our column casings are available in materials to Class 0 as determined by BS 476: Part 6, it is imperative that specifiers and contractors alike do not rely upon these products for structural fire protection.

A common misunderstanding is that by covering a column with a class 0 rated column casing, sufficient levels of fire protection will be achieved. It is the specifier's responsibility to ensure the correct level of fire rated product is used in relevant parts of the building.

Guidance from one of the worlds leading independent organisations specialising in fire testing, fire research and fire safety engineering, Warrington Fire Research, is as follows:

"Steel framed structures, or those that use structural steel sections as part of the method of support of the building, need to rely on the steelwork to effectively function as a structural member, maintaining its loadbearing capacity for the required period. For most types and use of building this period is laid down in Appendix A of Approved Document B to the Building Regulation (England and Wales) or Technical Standards, Part D (Scotland).

To achieve this the steelwork is generally protected by an applied system, either a spray applied coating or a board type cladding is often used. The ability of the coating or cladding to protect the steel is determined by tests and assessments based on British Standard BS 476: Part 21: 1987, 'Fire tests on building materials and structure; Methods for determination of the fire resistance of loadbearing elements of construction'.

Additionally there may be a requirement that the outer surface of the applied protection has a limited surface spread of flame classification, either Class 1 or possibly Class 0 may be required by Approved Document B depending on where the materials are used. These classes are determined by tests in accordance with BS 476: Part 7. For Class 0, Part 6 testing is also required.

It is recommended that the profiled finishes be used in conjunction with an applied protection, previously tested or assessed in accordance with BS 476: Part 21: 1987, only as a decorative, or where applicable, protective finish to the steel protection."

Range Information

Pendock's market leading ranges of circular and rectangular column casings. This strong lightweight material is available in the widest possible range of sizes and finishes to complement any building interior.

This brand new range of metal casings takes column design to new limits. Strong lightweight casings are now available in virtually any colour, texture, emboss or creative effect. Suitable for use in any environment, internally or externally.

Recreate styles of the past with the traditional designs of yesteryear. Softwood, hardwood and MDF column casings, complemented with a wide range of accessories will enable you to set a scene from any architectural era.

The perfect solution for external column casings. This durable, long lasting material offers a wide range of shapes, sizes and finishes to suit any setting.

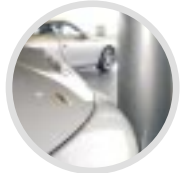
Where economy is the key driver, then GRG may be the answer. Supplied unfinished for site decoration these products can be used in a wide variety of buildings.

Our bespoke service means that special shapes and designs can be manufactured to order.

Preformed Plywood



Metal



Timber



Glass Reinforced Polyester (GRP)



Glass Reinforced Gypsum (GRG)



Bespoke



Product Selector

	Suitable for interior use	Suitable exterior use	Pre-finished	Dry fix on site	Available in a wide range of colours	Class O fire rating option	Wide range of shapes available
	✓	X	✓	✓	✓	X	✓
Preformed Plywood							
	✓	✓	✓	✓	✓	✓	✓
Metal							
	✓	X	X	✓	X	✓	X
Timber							
	✓	✓	X	✓	✓	✓	✓
Glass Reinforced Polyester (GRP)							
	✓	X	X	X	X	✓	✓
Glass Reinforced Gypsum (GRG)							
	✓	✓	✓	✓	✓	✓	✓
Bespoke							

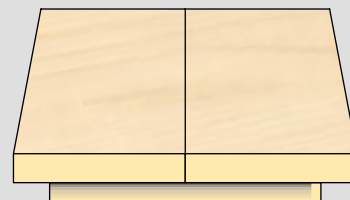
Assembly & Feature Jointing



J1 - BUTT JOINT

Use with: melamine, real wood veneer, Lederex or natural finish.

A J1 feature joint obscures exposed plywood edges where two sections of material meet.

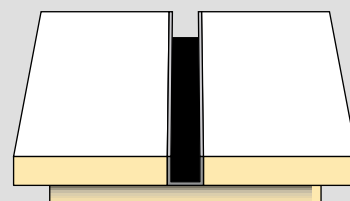


J2 - uPVC SHADOW GAP

Finish: black, white or aluminium. | **Use with:** any casing finish. | **Joint width:** 10mm.

A J2 feature joint is produced using a rigid black, white or aluminium extrusion to provide a relief gap between components and obscure exposed plywood edges.

Widely used across all types of product and finish. The J2 provides a useful fixing point where black, white or aluminium fixing screws can secure the product discretely.



J3 - ALUMINIUM EXTRUSION & DECORATIVE INSERT

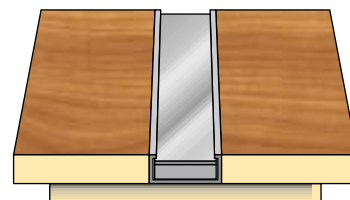
Finish: aluminium extrusion plus insert strip in real wood veneer, melamine, laminate or metal (to complement or contrast with casing).

Use with: any finish. | **Joint width:** 20mm.

A J3 feature joint uses a two part aluminium extrusion and decorative insert.

Mechanical fixings can be located in the channel during installation.

The decorative insert can then be put into position. All fixings are obscured.

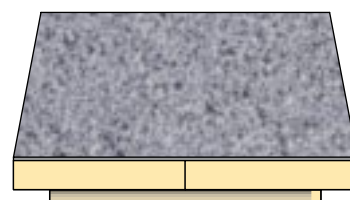


J4 - SEALED JOINT

Use with: high pressure laminate (hpl).

Joints can be concealed for an uninterrupted finish.

With larger casings, another joint may also be required for one or more of the joint locations.

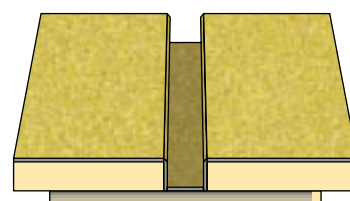


J5 - LIPPED JOINT

Use with: real wood veneer or laminate only.

Joint width: any width available, nominally 10mm.

A feature relief joint can be produced using complementary or contrasting laminates or veneers bonded to the exposed edges of each component and lining the plywood gusset used in the assembly process.



Finishes

Pendock's casings are available in a wide range of finishes.

They are, and always have been, off-site construction (OSC) products, and are supplied to site ready to install, reducing the level of disruption caused by 'wet trades' in buildings.

MELAMINE

Melamine is the standard finish for much of the Pendock preformed plywood range and is applied to the substrate during the forming process. Standard finishes are white, grey, black, natural, beech, white ash, light oak, cherry, walnut and maple as pictured below. Other colours are available subject to minimum order quantities.

Performance

Melamine is suited to areas of low to medium traffic. If damaged or dirty the finish can be over-painted or wiped with a damp cloth.

HIGH PRESSURE LAMINATES

Composition

High pressure laminates are one of the most hard wearing and adaptable finishes available. They are produced from layers of specially prepared papers. Once impregnated with thermosetting synthetic resin, they are fused together under heat and very high pressure.

Range

Pendock generally recommends Formica high pressure laminates that conform to EN 438 and ISO 4586. Many other brands can be factory applied and specifiers simply need to identify the brand and finish reference required. Laminates must be post-forming grade (Pendock technical staff will be pleased to advise).

Performance

Laminate is durable and hygienic. Resistance to impact and abrasion enables use in areas of high traffic and public access. It is virtually maintenance free and will cope with continual cleaning processes in environments where hygiene is essential. If damaged a Formica 'Colourfil' repair kit is available for many finishes.

REAL WOOD VENEERS

Standard Ranges

Almost any commercially available veneer is obtainable. We carry stocks of oak, maple, elm, ash, beech, mahogany, walnut, pine, cherry, teak and aniegre.

Performance and Finishing

Veneered products can be coated with a hard wearing lacquer to enhance the natural beauty of the veneer and increase durability. Alternatively, veneered products can be supplied in a natural finish for site varnishing or polishing.

Product Sequencing

Pendock preformed plywood casings are available finished in real wood veneers. Where grain structure is critical i.e. horizontal runs, a sequential selection and numbering service is available. Veneers are individually selected and cut to maintain grain continuity on each individual product. Once produced they are numbered for ease of identification on site.

Commitment to Natural Products

Pendock uses veneers from sustainable and managed sources. In the manufacturing process no attempt is made to dye or reconstruct any part of the veneer, thereby allowing the product to retain its natural beauty and unique characteristics.

Note Veneer is a natural product and as such colours will vary depending on exposure to sunlight and certain lighting conditions.

NATURAL FINISH FOR SITE DECORATION

Some Pendock products are available to order in a plain finish, suitable for on-site decoration such as painting.

Performance and Finishing

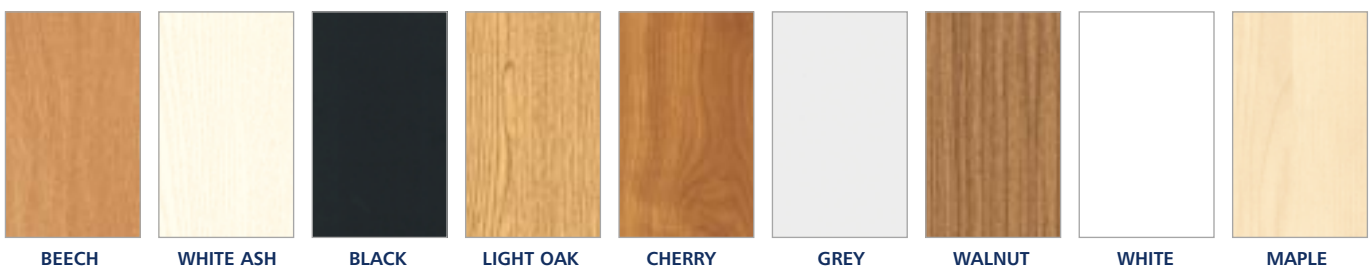
Natural finish casings can be painted or stained.



Recommended Installers

Pendock operates a Recommended Installer Scheme and can guide you to the best installer for your requirements. Please call the technical department on 01952 580 590.

Standard melamine finishes



Examples of Formica laminates can be found at: www.formica-europe.com 

Preformed Plywood Range



Pendock preformed plywood column casings provide the perfect solution for designers and installers who are looking for a ready made, pre-finished solution for covering columns which is quick and simple to install and consistent in quality of finish and appearance time after time.

The unique technology used to manufacture Pendock preformed plywood building products enables us to produce a comprehensive range of shapes and sizes to suit almost any application. The modular design of the product enables them to be easily specified, with a wide range of finishes.

Preformed plywood is lightweight in comparison to alternative materials, yet is extremely strong. And once finished with a hard wearing surface such as Formica laminates, you can be sure that the column will require minimal maintenance and will stand the test of time.

Because they can be supplied complete and pre-finished they eliminate wet trades and can be quickly installed by joiners, making them ideal for any fast-track project where time is of the essence.

Conventional post formed timber products and site-made column casings can often vary in the final finish quality, which could be down to the joiner, the dry liner, the plasterer or the decorator. Pendock product eliminates all of these potential problems, as the installer simply has to fix the finished product to the structure.

A comprehensive range offering numerous shapes, sizes, finishes and styles enables you to create an individual statement in a building, combining form with function without compromise.

Most specifiers choose circular or square column casings. Circular casings are available in 12mm and 8mm thickness, with easy-fit joints and fixings.



Pendock plywood column casings. Kingsgate Shopping Centre

Performance Summary

FIRE SPREAD

When tested in accordance with BS 476 Pt7 Pendock Casings achieve a Class 2 spread of flame. When applying fire retardant laminates and an appropriate adhesive bond they achieve Class 1 spread of flame (Class 1Y on radiused components).

FIRE PROPAGATION

Many components can also be produced to Class 'O' spread of flame / fire propagation as detailed in Part 6 of the British Standard.

TECHNICAL SUPPORT

Pendock is pleased to offer advice on the specification and design of enclosure systems.

Our technical team is available to assist specifiers and contractors, from the initial enquiry, through to site installation.



ADHESIVES

Where subsequent access behind the column casing is not required appropriate adhesives may be used for fixing.

RESISTANCE

A proprietary intumescent system should be used in conjunction with certain Pendock enclosure systems to achieve the necessary fire rating. Please see technical detail or contact our advisers on 01952 580 590.

MECHANICAL FIXINGS

All casings and enclosures are designed to be installed using countersinking screws (available from Pendock) in a choice of finishes.

Mechanical fixings may be obscured by the design of the installed systems or discreetly positioned within shadow gaps and feature joints.

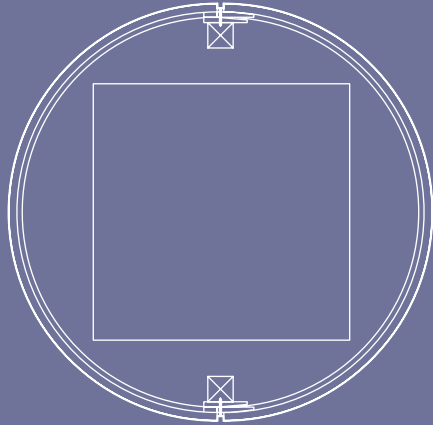
Where fixings are present on the product surface a wide range of decorative caps is available to complement the nominated colour or finish.



Pendock plywood column casings. Kingsgate Shopping Centre

CL Circular Column Casings

TYPE A



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Preformed Plywood column casing.

REF: CL type A

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT. www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - technical@alumascinteriors.com

SIZE: Various diameters | **THICKNESS:** 12mm & 8mm | **LENGTH:** 3000mm (standard length).

FINISH: Natural / laminate / real wood veneer / melamine (8mm only)

JOINT DETAIL: J1 / J2 / J3 / J5. See page 16 of Pendock column casing technical handbook.

ASSEMBLY DETAIL: Male / female assembly joint.

ACCESSORIES: Inner collars, fixing formers, decorative insert strip (J3 joint only), Steelfix universal fixing brackets.

INSTALLATION: See manufacturers recommended fixing details or contact Pendock technical department.

TYPE A

Internal Diameter (mm)	External Diameter (8mm)	External Diameter (12mm)	Joint Options			
			J1	J2	J3	J5
250	266	274	✓	✓	✓	✓
300	316	324	✓	✓	✓	✓
350	366	374	✓	✓	✓	✓
400	416	424	✓	✓	✓	✓
450	466	474	✓	✓	✓	✓
500	516	524	✓	✓	✓	✓
550	566	574	✓	✓	✓	✓
600	616	624	✓	✓	✓	✓

Finishes	Joint Options			
	J1	J2	J3	J5
Laminate	X	✓	✓	✓
Veneer	X	✓	✓	✓
Plain	✓	✓	✓	X
Melamine (8mm Only)	X	✓	✓	X

STANDARD SPECIFICATION NOTES - CL RANGE

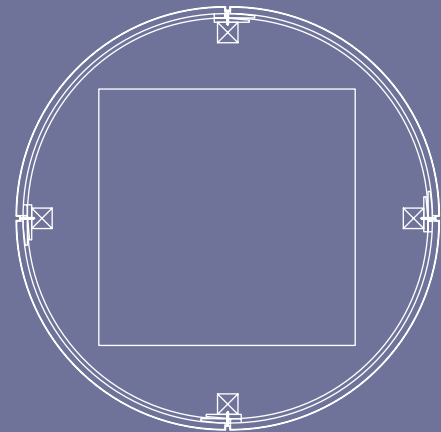
- External dimensions should allow for site framework, male / female assembly joints (16mm thick) and a casing thickness of 12mm / 8mm.
- When selecting joints J3 or J5 please specify the colour required in that joint.
- For columns longer than 3 metres, Pendock recommends an inner collar to form a feature shadow gap between lengths.
- Half casings are available.
- CAD details available at: www.pendock.co.uk
- Diameters are not inclusive of joint detail; dimensions may vary.

TYPE B

Internal Diameter (mm)	External Diameter (mm)	Joint Options			
		J1	J2	J3	J5
750	774	✓	✓	✓	✓
920	944	✓	✓	✓	✓

Finishes	Joint Options			
	J1	J2	J3	J5
Laminate	X	✓	✓	✓
Veneer	X	✓	✓	✓
Plain	✓	✓	✓	X

TYPE B



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Preformed Plywood column casing.

REF: CL type B

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT. www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - technical@alumascinteriors.com

SIZE: Various diameters | **THICKNESS:** 12mm | **LENGTH:** 3000mm (standard length).

FINISH: Natural / laminate / real wood veneer.

JOINT DETAIL: J1 / J2 / J3 / J5. See page 16 of Pendock column casing technical handbook.

ASSEMBLY DETAIL: Male / female assembly joint.

ACCESSORIES: Inner collars, fixing formers, decorative insert strip (J3 joint only), Steelfix universal fixing brackets.

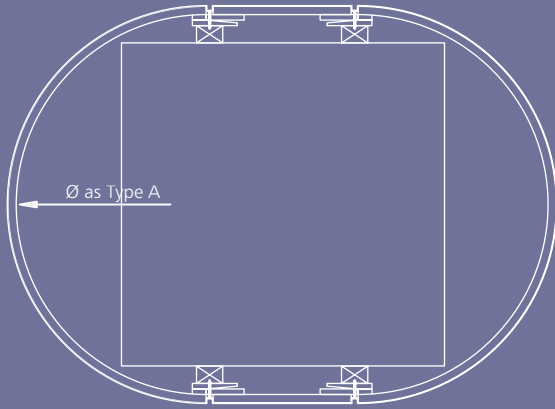
INSTALLATION: See manufacturers recommended fixing details or contact Pendock technical department.

STANDARD SPECIFICATION NOTES - CL RANGE

- External dimensions should allow for site framework, male / female assembly joints (16mm thick) and a casing thickness of 12mm.
- When selecting joints J3 or J5 please specify the colour required.
- For columns longer than 3 metres, Pendock recommends an inner collar to form a feature shadow gap between lengths.
- Quarter & half casings are available.
- CAD details available at: www.pendock.co.uk
- Diameters are not inclusive of joint detail; dimensions may vary.

CL Circular Column Casings

TYPE C



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Preformed Plywood column casing.

REF: CL type C

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT. www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - technical@alumascinteriors.com

SIZE: Various diameters | **THICKNESS:** 12mm & 8mm | **LENGTH:** 3000mm (standard length).

FINISH: Natural / laminate / real wood veneer.

JOINT DETAIL: J1 / J2 / J3 / J5. See page 16 of Pendock column casing technical handbook.

ASSEMBLY DETAIL: Male / female assembly Joint.

ACCESSORIES: Inner collars, fixing formers, decorative insert strip (J3 joint only), Steelfix universal fixing brackets.

INSTALLATION: See manufacturers recommended fixing details or contact Pendock technical department.

TYPE C

Internal Diameter (mm)	External Diameter (8mm)	External Diameter (12mm)	Joint Options			
			J1	J2	J3	J5
250	266	274	✓	✓	✓	✓
300	316	324	✓	✓	✓	✓
350	366	374	✓	✓	✓	✓
400	416	424	✓	✓	✓	✓
450	466	474	✓	✓	✓	✓
500	516	524	✓	✓	✓	✓
550	566	574	✓	✓	✓	✓
600	616	624	✓	✓	✓	✓

Finishes	Joint Options			
	J1	J2	J3	J5
Laminate	X	✓	✓	✓
Veneer	X	✓	✓	✓
Plain	✓	✓	✓	X

STANDARD SPECIFICATION NOTES - CL RANGE

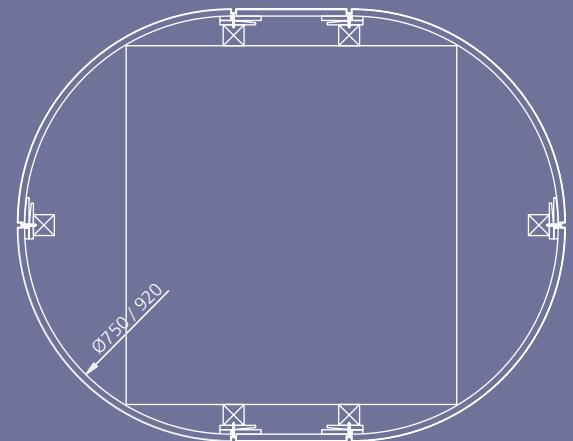
- External dimensions should allow for site framework, male / female assembly joints (16mm thick) and a casing thickness of 12mm / 8mm.
- Casing type C can achieve any size required by varying the size of the flat panels.
- When selecting joints J3 or J5 please specify the colour required in that joint.
- For columns longer than 3 metres, Pendock recommends an inner collar to form a feature shadow gap between lengths.
- Half casings are available.
- CAD details available at: www.pendock.co.uk
- Diameters are not inclusive of joint detail; dimensions may vary.

TYPE D

Internal Diameter (mm)	External Diameter (mm)	Joint Options			
		J1	J2	J3	J5
750	774	✓	✓	✓	✓
920	944	✓	✓	✓	✓

Finishes	Joint Options			
	J1	J2	J3	J5
Laminate	X	✓	✓	✓
Veneer	X	✓	✓	✓
Plain	✓	✓	✓	X

TYPE D



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Preformed Plywood column casing.

REF: CL type D

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT. www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - technical@alumascinteriors.com

SIZE: Various diameters | **THICKNESS:** 12mm | **LENGTH:** 3000mm (standard length).

FINISH: Natural / laminate / real wood veneer.

JOINT DETAIL: J1 / J2 / J3 / J5. See page 16 of Pendock column casing technical handbook.

ASSEMBLY DETAIL: Male / female assembly Joint.

ACCESSORIES: Inner collars, fixing formers, decorative insert strip (J3 joint only), Steelfix universal fixing brackets.

INSTALLATION: See manufacturers recommended fixing details or contact Pendock technical department.

STANDARD SPECIFICATION NOTES - CL RANGE

- External dimensions should allow for site framework, male / female assembly joints (16mm thick) and a casing thickness of 12mm.
- Casing type D can achieve any size required by varying the size of the flat panels.
- When selecting joints J3 or J5 please specify the colour required in that joint.
- For columns longer than 3 metres, Pendock recommends an inner collar to form a feature shadow gap between lengths.
- Quarter casings are available.
- CAD details available at: www.pendock.co.uk
- Diameters are not inclusive of joint detail; dimensions may vary.

SQ Square & Rectangle Column Casings



TYPE B

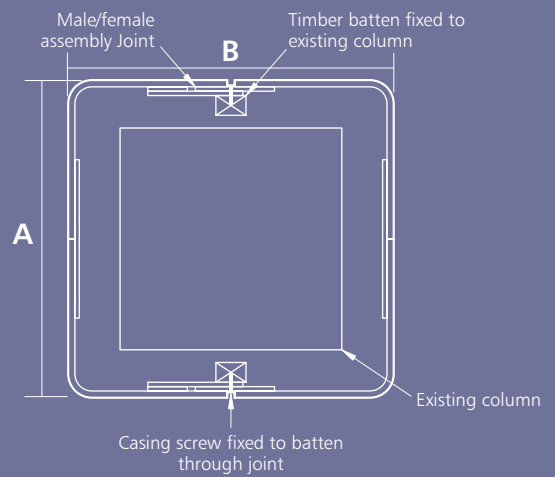
External Dimensions (mm)	Joint Options			
	J1	J2	J3	J4
Face A upto 600	✓	✓	✓	✓
Face B upto 600	✓	✓	✓	✓

Finishes	Joint Options				
	J1	J2	J3	J4	J5
Melamine	✓	✓	✓	X	X
Laminate	X	✓	✓	✓	✓
Veneer	X	✓	✓	X	✓
Plain	✓	✓	✓	X	X

STANDARD SPECIFICATION NOTES - SQ RANGE

- External dimensions should allow for site framework, male / female assembly joints (16mm thick) and a casing thickness of 12mm / 8mm.
- When selecting joints J3 or J5 please specify the colour required in that joint.
- For columns longer than 3 metres, Pendock recommends an inner collar to form a feature shadow gap between lengths.
- Quarter & half casings are available.
- CAD details available at: www.pendock.co.uk

TYPE B



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Preformed Plywood column casing.

REF: SQ type B

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT. www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - technical@alumascinteriors.com

SIZE: Various | **THICKNESS:** 8mm | **LENGTH:** 2500mm / 3000mm.

FINISH: Natural / laminate / real wood veneer / melamine

JOINT DETAIL: J1 / J2 / J3 / J4 / J5.

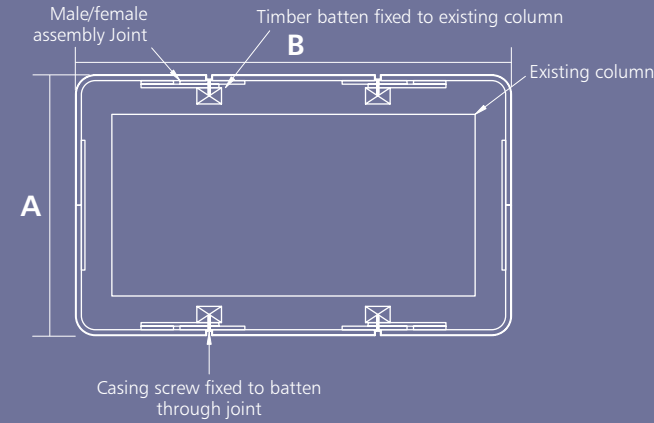
ASSEMBLY DETAIL: Male / female assembly joint.

ACCESSORIES: Inner collars, fixing formers, decorative insert strip (J3 joint only).

INSTALLATION: See manufacturers recommended fixing details or contact Pendock technical department.

SQ Square & Rectangle Column Casings

TYPE C



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Preformed Plywood column casing.

REF: SQ type C

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT. www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - technical@alumascinteriors.com

SIZE: Various | **THICKNESS:** 8mm | **LENGTH:** 2500mm / 3000mm

FINISH: Natural / laminate / real wood veneer / stainless steel.

JOINT DETAIL: J1 / J2 / J3 / J4 / J5. See page 16 of Pendock column casing technical handbook.

ASSEMBLY DETAIL: Male / female assembly joint.

ACCESSORIES: Inner collars, fixing formers, decorative insert strip (J3 joint only).

INSTALLATION: See manufacturers recommended fixing details or contact Pendock technical department.

TYPE C

External Dimensions (mm)	Joint Options				
	J1	J2	J3	J4	J5
Face A upto 600	✓	✓	✓	✓	✓
Face B over 600	✓	✓	✓	✓	✓

Finishes	Joint Options				
	J1	J2	J3	J4	J5
Melamine	X	✓	✓	X	X
Laminate	X	✓	✓	✓	✓
Veneer	X	✓	✓	X	✓
Plain	✓	✓	✓	X	X

STANDARD SPECIFICATION NOTES - SQ RANGE

- External dimensions should allow for site framework, male / female assembly joints (11mm thick) and a casing thickness of 8mm.
- Casing type C can achieve any size required by varying the size of the flat panels.
- Joint J4 can not be used in all faces of a square or rectangle casing therefore an additional joint (either J2, J3 or J5) needs to be specified.
- For columns longer than 3 metres, Pendock recommends an inner collar to form a feature shadow gap between lengths.
- Half casings are available.
- CAD details available at: www.pendock.co.uk

TYPE D

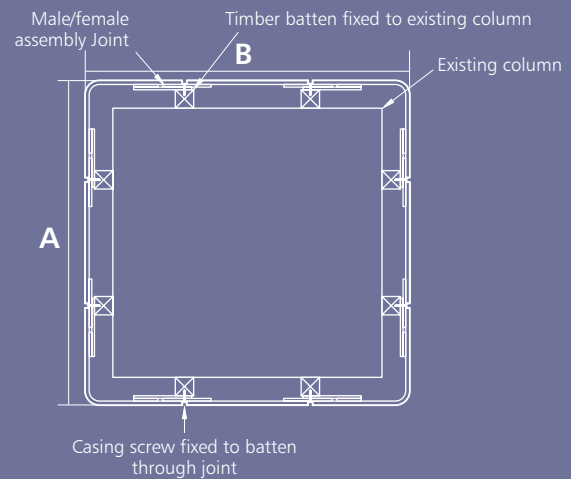
External Dimensions (mm)	Joint Options				
	J1	J2	J3	J4	J5
Face A over 600	✓	✓	✓	✓	X
Face B over 600	✓	✓	✓	✓	✓

Finishes	Joint Options				
	J1	J2	J3	J4	J5
Melamine	✓	✓	✓	X	X
Laminate	X	✓	✓	✓	✓
Veneer	✓	✓	✓	X	✓
Plain	✓	✓	✓	X	X

STANDARD SPECIFICATION NOTES - SQ RANGE

- External dimensions should allow for site framework, male / female assembly joints (11mm thick) and a casing thickness of 8mm.
- Casing type D can achieve any size required by varying the size of the flat panels.
- Joint J4 can not be used in all faces of a square or rectangle casing therefore an additional joint (either J2, J3 or J5) needs to be specified.
- For columns longer than 3 metres, Pendock recommends an inner collar to form a feature shadow gap between lengths.
- Half casings are available.
- CAD details available at: www.pendock.co.uk

TYPE D



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Preformed Plywood column casing.

REF: SQ type D

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT. www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - technical@alumascinteriors.com

SIZE: Various | **THICKNESS:** 8mm | **LENGTH:** 2500mm / 3000mm.

FINISH: Natural / laminate / real wood veneer / stainless steel.

JOINT DETAIL: J1 / J2 / J3 / J4 / J5. See page 16 of Pendock column casing technical handbook.

ASSEMBLY DETAIL: Male / female assembly joint.

ACCESSORIES: Inner collars, fixing formers, decorative insert strip (J3 joint only).

INSTALLATION: See manufacturers recommended fixing details or contact Pendock technical department.

Metal Casings



The Pendock range of metal casings is supplied as a complete system, (including an integral carrier system, joint infills and fixings, if requested / required).

It has been designed to offer specifiers and clients alike a product that is unsurpassed in terms of quality, finish, shape and design options.

Due to its metal construction, it can be treated as a non-combustible building element and all surface finishes achieve Class O spread of flame.

Casings are pressed with computer operated machines to ensure shape and dimensional consistency.

The Pendock range also incorporates a fixing system which is simple to use, offers accessibility to services behind the casing and eliminates all visible fixing, so that all forms are as pure as possible.

Our standard ranges consist of both circular and square casings, though the opportunities to create more complex shapes and designs are almost limitless. Our design team can explore these possibilities with you in detail.

Pendock's metal products consist of circular casings in 9 standard diameters and square column casings in 9 standard sizes, available in standard heights of 3m.

All flat, curved and corner casings are designed as factory finished modular units to ensure a high level of flexibility and consistency of detailing.

The standard jointing arrangement provides a 20mm recess which can be left open or infilled with one of the following:

- black gasket
- coloured gasket
- metal infill to match the casing finish

The system is designed to offer high quality metal casings which can be easily installed with minimum site disruption.

Almost any commercially available sheet metal can be used to create the exact look to suit your built environment.



Technical Data / Performance Specification

DESIGN

Pendock metals are suitable casings for internal or external applications. The columns are designed as modular units to ensure maximum flexibility, integration and consistent detailing. The system is manufactured to specific performance requirements, offering a wide range of material and finish options including pre-finished steel, aluminium and stainless steel.

Average Weight

Coated Steel/Stainless Steel columns	13Kg/m ²
Coated Aluminium columns	9Kg/m ²
50mm x 50mm mullion	2.01Kg/PLM
100mm x 50mm mullion	3.22Kg/PLM

STANDARD CASING MANUFACTURE

Double Skin

Outer sheet: 3mm aluminium
(2mm stainless steel or galvanised steel)
Core: 20mm acoustic / thermal foam "class O"
Inner: 1mm

Single skin

(2mm stainless steel or galvanised steel)
Outer: 3mm aluminium
Core: 6mm acoustic - optional

KEY FEATURES & BENEFITS

- A wide range of casing materials and finishes.
- Engineered aluminium extrusions provide a rigid, flexible, easy-to-install support frame.
- Casing fixing locations are adjustable on site to allow flexibility during installation.
- Lightweight and quick to install.
- Fully demountable & relocatable.
- Non-combustible with Class O spread of flame.
- Casings with concealed opening mechanisms are available for easy access to services.



Pendock's metal casings system has been tested at the Welsh Technology Centre. (Report No. WL/PE/TN/G750312/1/2000/R), attaining UNION POUR L'AGREMENT for both hard and soft impacts.

Structural design performance was verified under the provisions of BS 5950: Part 6

STANDARDS

Aluminium panel skins	- BS EN 485-2
Aluminium acoustic and thermal foam "class O" core	- BS 1470
Aluminium Support Frame	- BS 6082
Stainless steel panel skins	- BS 1449
Galvanised steel skins	- BS EN 10 147
Fixing detail to panel skins	- BS 8200
Panel fastenings	- BS 5427
Adhesive	- BS 5380

All surface finishes achieve Class O when tested to BS 476 Part 6. Due to its metal construction, the system can be treated as a non-combustible building element.

Our strict quality control system includes inspection sampling throughout the factory, backed up with random destruction tests.

SITE INSTALLATION

Site work is kept to a minimum due to the unique design of the adjustable fixing arrangement integral within the carrier system.

Apart from primary fixing points to the structure, all other fixings utilize an adjustable nut insert that slides within the location channels of the carrier to the required fixing point.

Panels and columns are then offered up and fixed to the carrier and where required, infill strips / gaskets are fitted within the joints.

DELIVERY

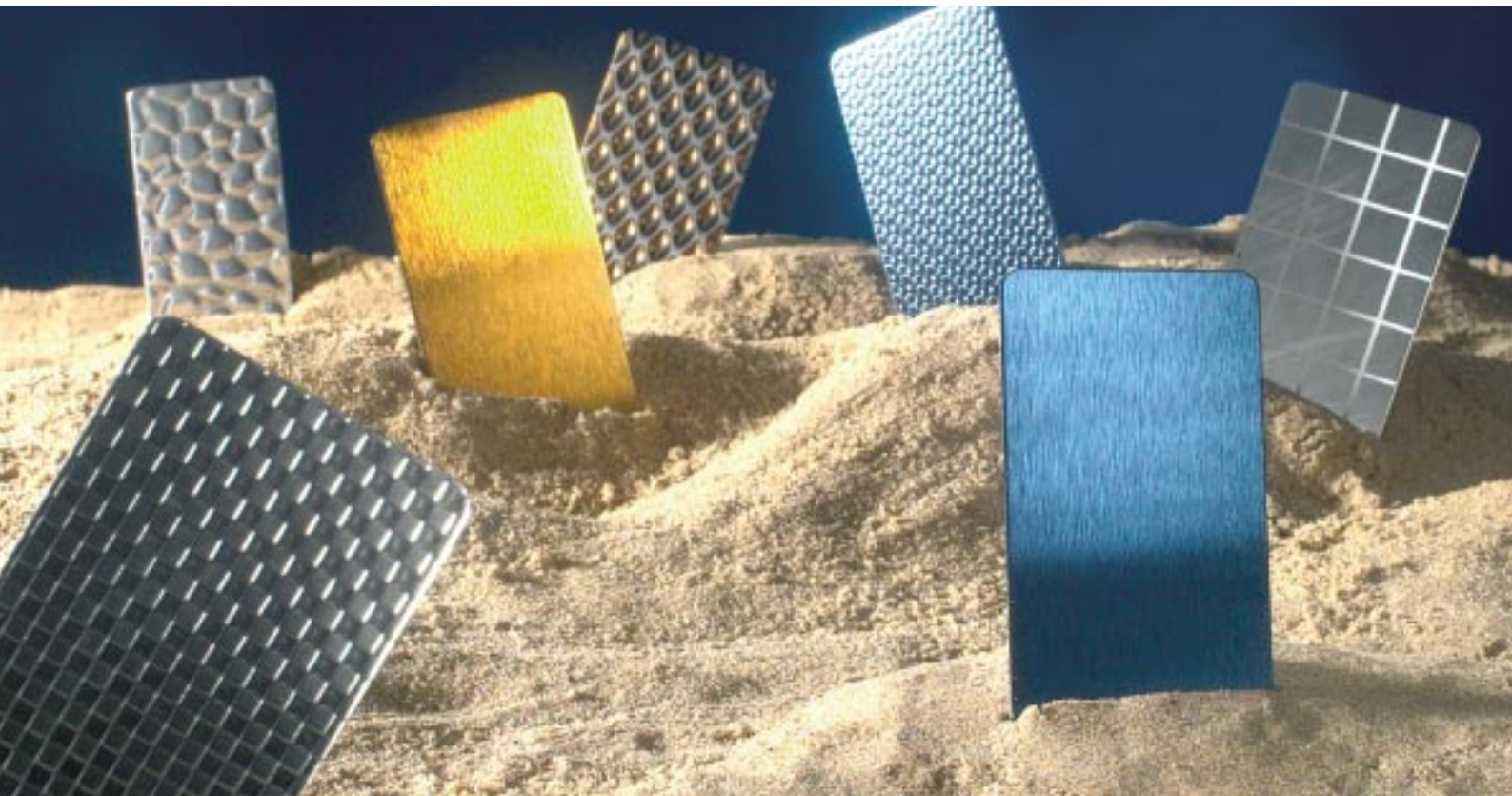
Casings are supplied to site with a protective film covering the outer skins. This can be stripped off when installation is successfully completed. Panels are supplied shrink wrapped on to pallets.

Each casing is individually identified to allow traceability back to the actual time and date of manufacture.

Carriers are supplied in bar lengths.

Components and fixings are boxed.

Metal Finishes



STANDARD MATERIAL OPTIONS AND FINISHES

Pendock 3mm aluminium columns are available in four standard finishes:

- Brushed
- Anodised BS 3987 (25microns) BS 1615 (15 microns)
- Polyester powder coat BS 6496/7 in standard RAL colours
- Polished

Other finishes and materials available are:

- PVF2
- Aluminium cove material (such as Alucobond or Renobond)
- Laser cutting
- Stainless / galvanised mild steel

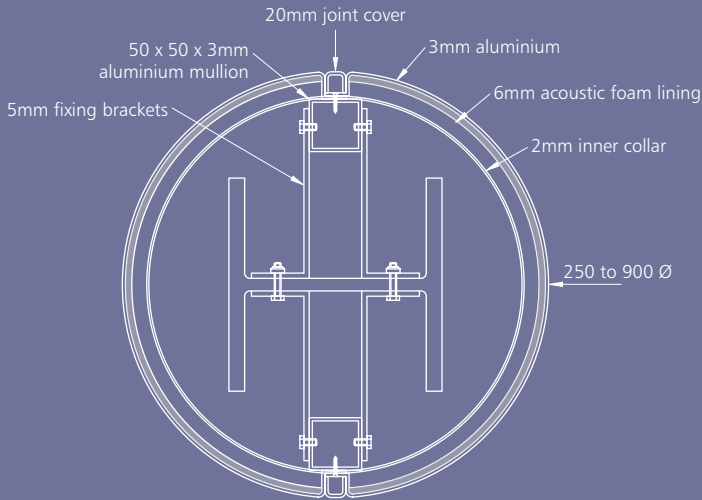
Please contact our customer services team on: 01952 580 590 for lead times.

For more information about the range or samples, please contact our technical team at technical@alumascinteriors.com or telephone us on: 01952 580 590

ALUMINIUM	Polyester coated Polished finish Anodised PVf2
STEEL	Polyester coated PVf2
STAINLESS STEEL	Polyester coated Polished finish PVf2



Metal Circle & Square Column Casings



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Circular Metal column casing.

REF: CM

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT. www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - technical@alumascinteriors.com

SIZE: Various diameters

THICKNESS: 3mm aluminium.

LENGTH: 3000mm (standard length).

FINISH: Stainless steel / aluminium / rimex finish / copper / other option available - please specify.

INSTALLATION: Contact Pendock technical department on 01952 580 590 or technical@alumascinteriors.com

CIRCLE

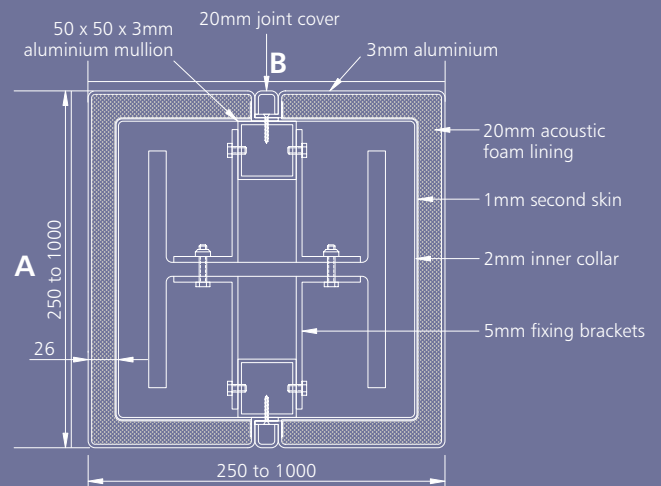
Internal Diameter (mm)	External Diameter (mm)	Thickness (mm)	Length (mm)	Standard (mm)
250	300	25	3000	Celestia Sirius
300	350	25	3000	Celestia Sirius
350	400	25	3000	Celestia Sirius
400	450	25	3000	Celestia Sirius
450	500	25	3000	Celestia Sirius
500	550	25	3000	Celestia Sirius
550	600	25	3000	Celestia Sirius
600	650	25	3000	Celestia Sirius
750	800	25	3000	Celestia Sirius

STANDARD SPECIFICATION NOTES - CM RANGE

- External dimensions should allow for framework, joints and the column thickness.
- Special sizes can be produced.
- Shorter columns can be produced.
- Longer columns can be produced by using an inner collar to link casings together.
- Semi-circular casings are available.
- CAD details available at: www.pendock.co.uk
- Diameters are not inclusive of joint detail; dimensions may vary.

SQUARE

Internal Diameter (mm)	External Diameter (mm)	Thickness (mm)	Length (mm)	Standard (mm)
200 x 200	250 x 250	25	3000	Celestia Sirius
250 x 250	300 x 300	25	3000	Celestia Sirius
300 x 300	350 x 350	25	3000	Celestia Sirius
350 x 350	400 x 400	25	3000	Celestia Sirius
400 x 400	450 x 450	25	3000	Celestia Sirius
450 x 450	500 x 500	25	3000	Celestia Sirius
500 x 500	550 x 550	25	3000	Celestia Sirius
550 x 550	600 x 600	25	3000	Celestia Sirius
600 x 600	650 x 650	25	3000	Celestia Sirius
750 x 750	800 x 800	25	3000	Celestia Sirius



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Square / Rectangular Metal column casing.

REF: SM

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT. www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - technical@alumascinteriors.com

SIZE: Any Size above 200 x 200mm

THICKNESS: 3mm aluminium.

LENGTH: 3000mm (standard length).

FINISH: Stainless steel / aluminium / rimex finish / copper / other option available - please specify.

INSTALLATION: Contact Pendock technical department on 01952 580 590 or technical@alumascinteriors.com

STANDARD SPECIFICATION NOTES - CM RANGE

- External dimensions should allow for framework, joints and the column thickness.
- Special sizes can be produced.
- Rectangular casings are available.
- Shorter columns can be produced.
- Longer columns can be produced by using an inner collar to link casings together.
- Half casings (channels) are available.
- CAD details available at: www.pendock.co.uk

Timber Range



PRODUCT RANGE

The classical timber range of hollow casings is available in:

- 5 diameters from 200mm to 762mm.
- Standard grade MDF or softwood.
- Some hardwoods available on request.
- Complementary accessories such as traditional carved capitals, footbases and skirtings.

PRODUCT USE

Applications include hotel receptions, grand doorways, bars, restaurants, retail shop floors and office interiors. Many columns are used in open areas to hide structural steelwork and or service pipes.

MANUFACTURE PROCESS

Columns are manufactured from quality Grade MDF, unsorted joinery redwoods or kiln dried hardwoods dependent on specification. Quality adhesives are used to bond the segment components of the columns together to form a solid construction of the wall surfaces.

COMPOSITION

Columns are formed from bonded segments of quality grade MDF, unsorted redwoods or kiln dried hardwoods. Accessories such as cornices, dados, footbases and skirtings are manufactured from bonded segments of high quality MDF, softwoods and hardwoods.

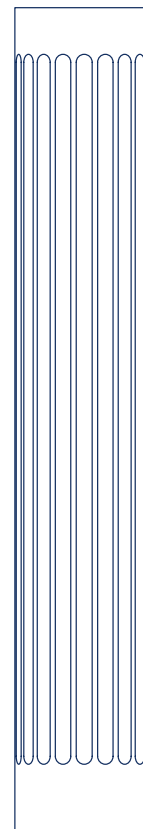
Plain



Reed & Bead



Fluted



Product & Performance Summary

FIXINGS

Due to the robust construction of the columns, standard MDF compatible screw and bolt fixings can be used for location and installation.

For wrapping around and concealing existing services of steelwork, column casings can be supplied scored along the length ready for splitting. The overall shipping length is 3 metres.

FIRE RESISTANCE

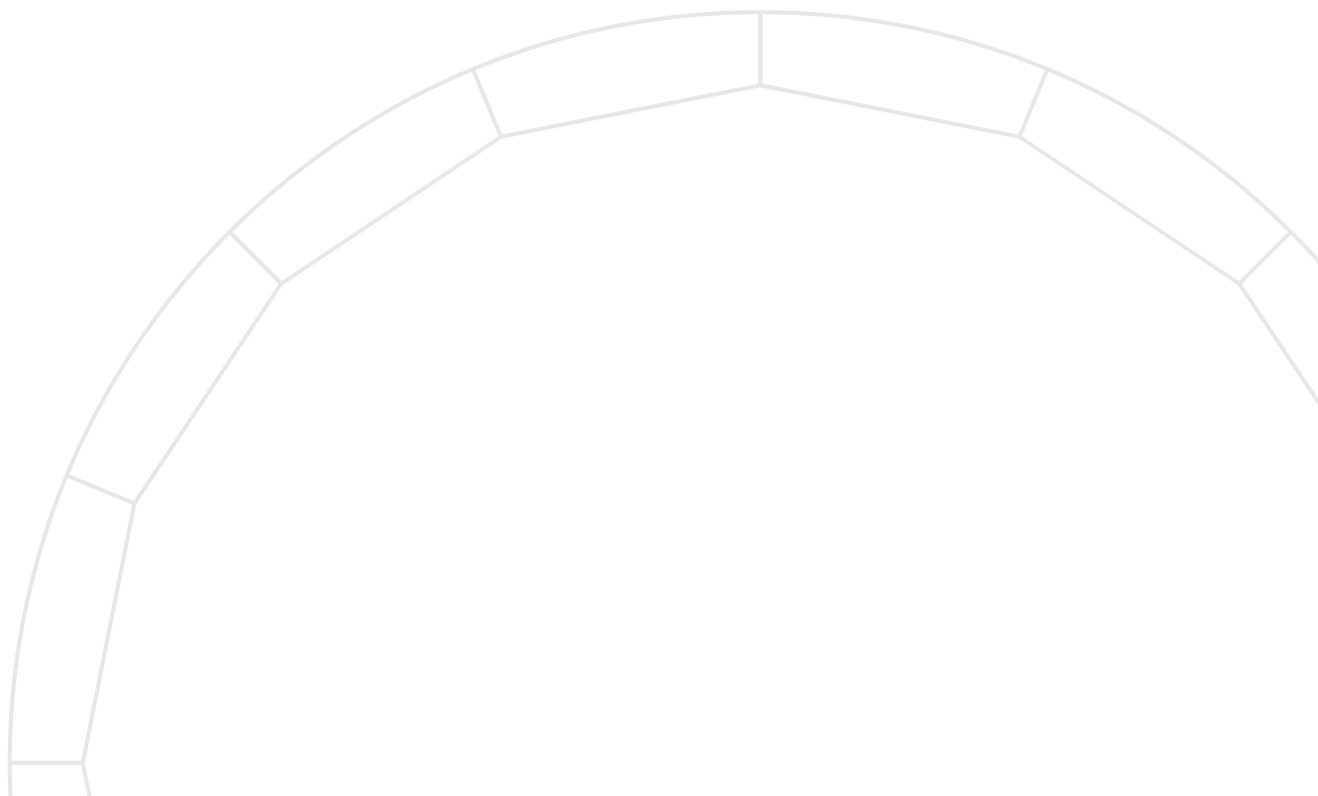
Standard columns are not fire resistant. Fire resistant grades of MDF are available and must be specified when ordering. Fire retardant MDF is available in class 1 and class 0 protection to BS476.

ADHESIVES

A quality moisture resistant or waterproof PVA woodworking adhesive or gap filler is recommended.

TECHNICAL ADVICE & ASSISTANCE

Further information on applications and suitability of use is available from the technical department on: 01952 580 590 or technical@alumascinteriors.com



Range Information

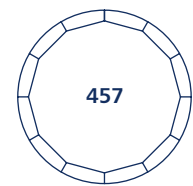
CL8 RANGE							
Product Code	External Diameter (mm)	Minimum Internal Diameter (mm)	Length (mm)	Weight (kg)	Material	Finish	Suitable Footbase
CL8P`	200	130	3000	65	Softwood	Plain	FB154A
CL8F	200	130	3000	65	Softwood	Fluted	FB154A
CL8RB	200	130	3000	65	Softwood	Reed & Bead to 1m from base	FB154A
CL8MDF	200	130	3000	65	MDF	Plain	FB154A



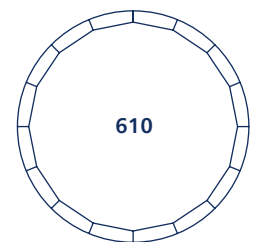
CL12 RANGE							
Product Code	External Diameter (mm)	Minimum Internal Diameter (mm)	Length (mm)	Weight (kg)	Material	Finish	Suitable Footbase
CL12P	305	235	3000	102	Softwood	Plain	FB154B
CL12F	305	235	3000	102	Softwood	Fluted	FB154B
CL12RB	305	235	3000	102	Softwood	Reed & Bead to 1m from base	FB154B
CL12MDF	305	235	3000	102	MDF	Plain	FB154B



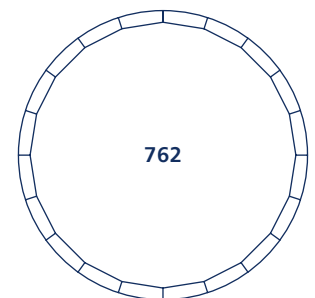
CL18 RANGE							
Product Code	External Diameter (mm)	Minimum Internal Diameter (mm)	Length (mm)	Weight (kg)	Material	Finish	Suitable Footbase
CL18P	457	387	3000	140	Softwood	Plain	FB154C
CL18F	457	387	3000	140	Softwood	Fluted	FB154C
CL18RB	457	387	3000	140	Softwood	Reed & Bead to 1m from base	FB154C
CL18MDF	457	387	3000	140	MDF	Plain	FB154C



CL24 RANGE							
Product Code	External Diameter (mm)	Minimum Internal Diameter (mm)	Length (mm)	Weight (kg)	Material	Finish	Suitable Footbase
CL24P	610	540	3000	214	Softwood	Plain	FB154D
CL24F	610	540	3000	214	Softwood	Fluted	FB154D
CL24RB	610	540	3000	214	Softwood	Reed & Bead to 1m from base	FB154D
CL24MDF	610	540	3000	214	MDF	Plain	FB154D



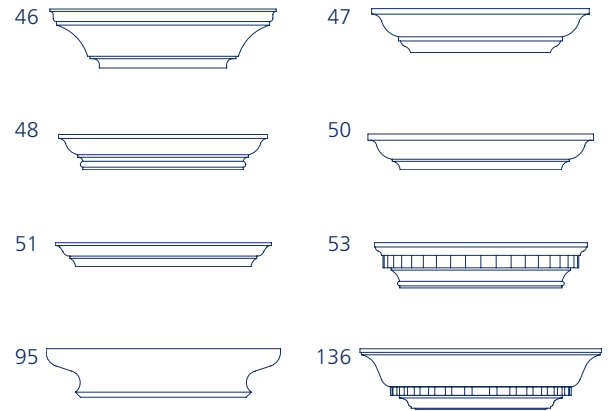
CL30 RANGE							
Product Code	External Diameter (mm)	Minimum Internal Diameter (mm)	Length (mm)	Weight (kg)	Material	Finish	Suitable Footbase
CL30P	762	692	3000	284	Softwood	Plain	FB154E
CL30F	762	692	3000	284	Softwood	Fluted	FB154E
CL30RB	762	692	3000	284	Softwood	Reed & Bead to 1m from base	FB154E
CL30MDF	762	692	3000	284	MDF	Plain	FB154E



Accessories

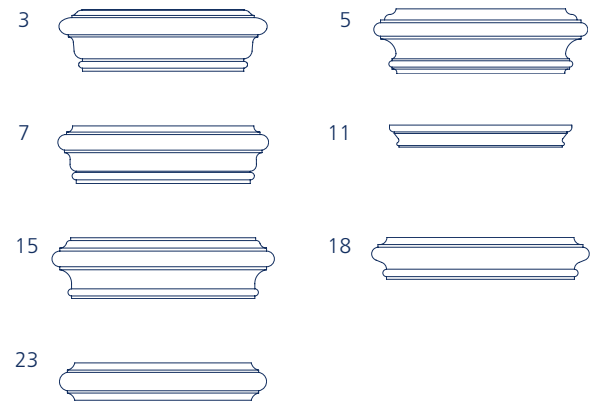
CIRCULAR CORNICE CAPITAL RANGES

Column Range to Match					
Section Number	CL8	CL12	CL18	CL24	CL30
46		CC46/12	CC46/18	CC46/24	CC46/30
47	CC47/8	CC47/12	CC47/18	CC47/24	CC47/30
48	CC48/8	CC48/12	CC48/18	CC48/24	CC48/30
50	CC50/8	CC50/12	CC50/18	CC50/24	CC50/30
51	CC51/8	CC51/12	CC51/18	CC51/24	CC51/30
53	CC53/8	CC53/12	CC53/18	CC53/24	CC53/30
95	CC95/8	CC95/12	CC95/18	CC95/24	CC95/30
136		CC136/12	CC136/18	CC136/24	CC136/30



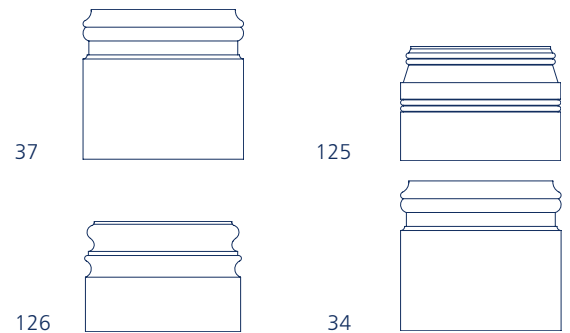
CIRCULAR DADO RAIL RANGES

Column Range to Match					
Section Number	CL8	CL12	CL18	CL24	CL30
3	DR3/8	DR3/12	DR3/18	DR3/24	DR3/30
5	DR5/8	DR5/12	DR5/18	DR5/24	DR5/30
7	DR7/8	DR7/12	DR7/18	DR7/24	DR7/30
11	DR11/8	DR11/12	DR11/18	DR11/24	DR11/30
15	DR15/8	DR15/12	DR15/18	DR15/24	DR15/30
18	DR18/8	DR18/12	DR18/18	DR18/24	DR18/30
23	DR23/8	DR23/12	DR23/18	DR23/24	DR23/30



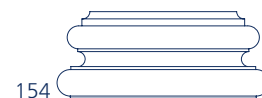
CIRCULAR SKIRTINGS RANGES

Column Range to Match					
Section Number	CL8	CL12	CL18	CL24	CL30
37	SK37/8	SK37/12	SK37/18	SK37/24	SK37/30
125	SK125/8	SK125/12	SK125/18	SK125/24	SK125/30
126	SK126/8	SK126/12	SK126/18	SK126/24	SK126/30
34	SK34/8	SK34/12	SK34/18	SK34/24	SK34/30



CIRCULAR FOOTBASE RANGES

Column Range to Match					
Section Number	CL8	CL12	CL18	CL24	CL30
154	FB154/8	FB154/12	FB154/18	FB154/24	FB154/30



GRP Column Casings



Pendock's GRP range offers yet another perfect solution for encasing structures internally or externally.

The standard finish is white, however columns can be produced in any BS or RAL colour to complement your building.

We offer a standard range of circular GRP although bespoke shapes with intricate detail can be supplied. Copies can even be made from original sections removed from site for restoration projects.

GRP is a long life / low maintenance product and is particularly suited to hostile environments such as coastal areas. It is also very lightweight and easy to install.

Technical Data

MATERIALS AND STANDARDS

Only the highest quality materials are used, conforming to the latest standards.

- Glass fibre reinforcement is chopped strand mat to ISO 3342
- Resin conforming to BS 2782 unsaturated polyester resin systems for general purpose fibre reinforced plastics.

MANUFACTURE

Pendock GRP column casings are manufactured by the "hand lay-up" technique, by which alternate layers of resin and glass fibre reinforcement, the matrix, are built up in a mould previously lined with gel coat. The resulting product has a resin to glass ratio of at least 2.5:1, the exact proportion varying according to the product thickness needed.

The glass reinforcement is a minimum of 600gm/sq m. The gel coat is a minimum of 450gm/sq m.

ACCESSORIES

The column casing is supplied complete. No accessories are required.

SHAPE

The standard range is circular column casings. Sizes are available in diameters from 200mm to 1200mm in 50mm intervals. Any bespoke shape is possible, as is additional detailing to circular casings.

WEIGHT

GRP column casings are handmade products. Weight and density do vary.

SURFACE

The standard finished surface of the column is smooth white matt but can be supplied with a gloss finish.

PERFORMANCE

Structural: GRP column casings are not structural.

UV LIGHT

Depending upon the colour selected Pendock GRP column casings may be affected by UV light. Reds and Greens may be particularly prone to degradation if exposed to direct sunlight for long periods. Please consult our technical department at technical@alumascinteriors.com or 01952 580 590 for more information.

MAINTENANCE

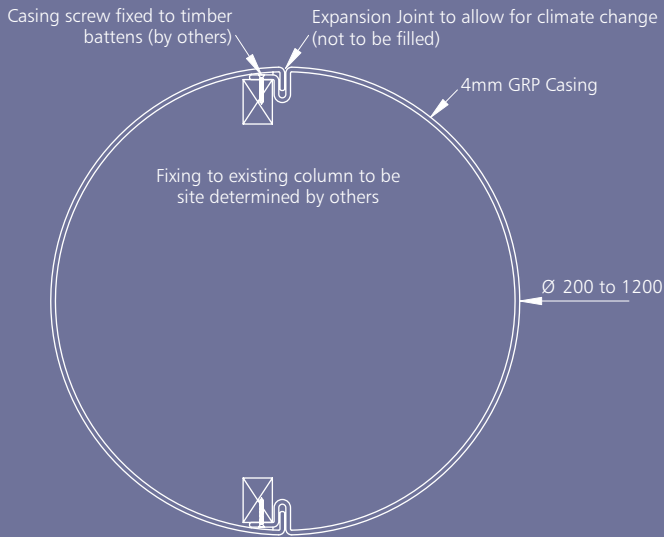
The durability of Pendock GRP column casings depends upon the integrity of the gel coat. If damaged water can penetrate the small fissures between the glass fibres and the resin causing product deterioration over time.

Casings should be checked for damage as part of a regular maintenance programme. Minor damage can be quickly repaired with a small resin patch. If more substantial repairs are required they should be carried out in warm, dry weather to enable satisfactory curing of the resin filler.

Before over-painting with a gel coat any repairs should be sanded smooth. As it is sometimes difficult to match the original gel coat, the whole column may need an application of cellulose paint.

Washing external GRP with car shampoo twice a year will help maintain a good appearance.

GRP Circle Range



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Glass Reinforced Polyester (GRP) column casing.

REF: CP

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT.
www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - technical@alumascinteriors.com

SIZE: Various diameters between 200mm and 1200mm.

THICKNESS: 4mm.

LENGTH: Any length up to maximum as shown in product table.

FINISH: The standard finished surface of the column is smooth white matt, but can be supplied with a gloss finish.

INSTALLATION: Contact Pendock technical department on 01952 580 590 or - technical@alumascinteriors.com

STANDARD SPECIFICATION NOTES

- External dimensions should allow for site framework and casing thickness.
- Special sizes can be produced.
- Columns available in various heights.
- Semi-circular casings are available.
- Header / base relief details can be included.
- CAD details available at: www.pendock.co.uk

Product Code	External Diameter (mm)	Approx Internal Diameter (mm)
CP200	200	190
CP250	250	240
CP280	280	270
CP300	300	290
CP350	350	340
CP400	400	390
CP450	450	440
CP500	500	490
CP550	550	540
CP600	600	590
CP650	650	640
CP700	700	690
CP760	760	750
CP800	800	790
CP850	850	840
CP900	900	890
CP950	950	940
CP1000	1000	990
CP1100	1100	1090
CP1200	1200	1190

Bespoke GRP Products



Pendock offers a standard range of decorative casings in GRP as shown above. Our skilled craftsmen can also produce GRP products to suit your exact requirements, in any size or shape.

Copies can even be made from original sections removed from site for restoration projects.

Product Code	Shaft Height A (mm)	Base Height B (mm)	Base Width C (mm)	Overall Height (mm)	Internal Width at Narrowest Point (mm)	Top Shape
CP001212	1820	305	317	2125	165	Square
CP001237	2145	225	330	2370	170	Square
CP001262	2315	305	470	2620	275	Square
CP002249	2185	305	320	2490	155	Square
CP002261	2280	330	349	2610	190	Square
CP002360	3270	330	349	3600	190	Square
CP003210	1775	330	350	2105	195	Square
CP003249	2165	330	355	2495	195	Square

GRG Range / Product & Performance Summary



The Pendock range of Glass Re-inforced Gypsum (GRG) column casings provides an economical option where the project is not time critical, where site conditions allow for a wet fix system, and where the use of plasterers and decorators is not seen as an additional cost. Pendock GRG column casings are non-combustible (Class O), strong and aesthetically pleasing. Although requiring wet trades to finish the column, the product itself is very quick and simple to install. It offers an alternative to pre-finished columns in a wide range of applications including commercial buildings, hotels, retail interiors, in both new build and refurbishment. In addition to standard ranges you can also choose bespoke items in almost any shape or size, with high levels of intricate detail. As with GRP copies can even be made from original sections removed from site for restoration projects. A range of cornices and bases is also available. More information is available on our website, www.pendock.co.uk

COMPOSITION

The products are manufactured from alpha calcium sulphate semi-hydrate (plaster), glass fibre mat, softwood timber lathing at fixing points.

Methods of assembly and connection - Fixing of initial half using plaster wadding & second half mechanically fixed to first half.

Accessories - The column casing is complete. No accessories are required.

Shape - The standard range is circular column casings. Sizes are available in diameters from 200mm to 1200mm in 50mm intervals. Any bespoke shape possible, and additional detailing to circular casings is available.

Weight - GRG column casings are hand cast products. Weight and density do vary.

Surface - The finished surface of the columns is smooth ex-mould white plaster suitable to accept paint or any other finish made for an absorbent surface.

PERFORMANCE

Active - GRG column cladding is inert.

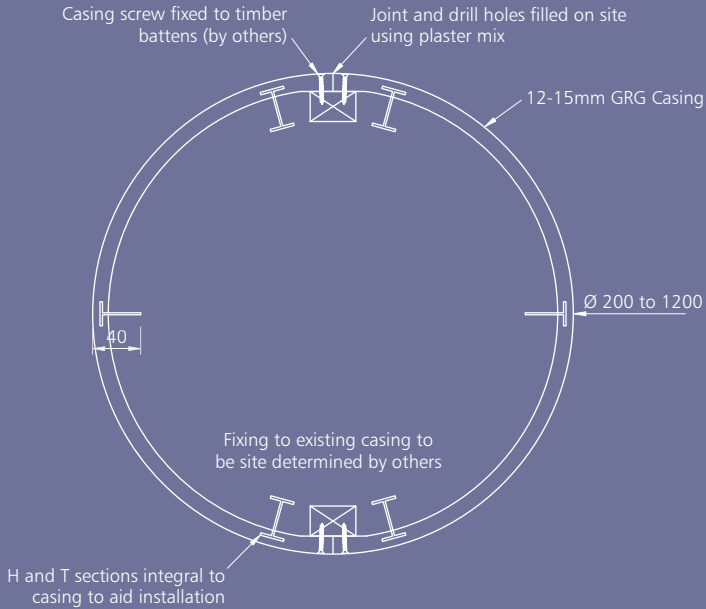
Structural - GRG column casings are not structural & is purely aesthetic.

Fire - GRG Column casings have a Class O spread of flame. It can also be treated as a non-combustible building element. Structural elements need to be protected with a proprietary fire protection system.

Gaseous, liquid - Joints should not be considered air or watertight. They should not be immersed in water nor should they be subject to continuous water distress e.g. Drips. If used in a high humidity area care should be taken to ensure that the casing and joints are sealed with water-resistant paint. GRG is absorbent and therefore not recommended for external use or wet areas such as bathrooms or swimming pools.

Biological - Because GRG material is absorbent it can be susceptible to fungal growth if housed in a damp environment.

GRG Circle Range



STANDARD SPECIFICATION CLAUSE

TYPE: Pendock Glass Reinforced Gypsum (GRG) column casing.

REF: CG

MANUFACTURER: Alumasc Interior Building Products, Halesfield 19, Telford, Shropshire, TF7 4QT.
www.pendock.co.uk - Tel: 01952 580590 - Fax: 01952 587805.

CONTACT: Technical department - - technical@alumascinteriors.com

SIZE: Various diameters between 200mm and 1200mm.

THICKNESS: Variable - generally between 12mm and 15mm.

LENGTH: 3000mm (standard length).

FINISH: Smooth unfinished ex-mould white plaster.

INSTALLATION: Contact Pendock technical department on 01952 580 590 or - technical@alumascinteriors.com

STANDARD SPECIFICATION NOTES

- External dimensions should allow for site framework and casing thickness.
- Special sizes can be produced.
- Columns available in various heights.
- Semi-circular casings are available.
- Header / base relief details can be included.
- CAD details available at: www.pendock.co.uk
- Diameters are not inclusive of joint detail; dimensions may vary.

Product Code	External Diameter (mm)	Approx Internal Diameter (mm)
CG200	200	185
CG250	250	235
CG280	280	265
CG300	300	285
CG350	350	335
CG400	400	385
CG450	450	435
CG500	500	485
CG550	550	535
CG600	600	585
CG650	650	635
CG700	700	685
CG760	760	745
CG800	800	785
CG850	850	835
CG900	900	885
CG950	950	935
CG1000	1000	985
CG1100	1100	1085
CG1200	1200	1185

Bespoke Column Casings

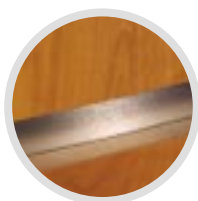


BESPOKE

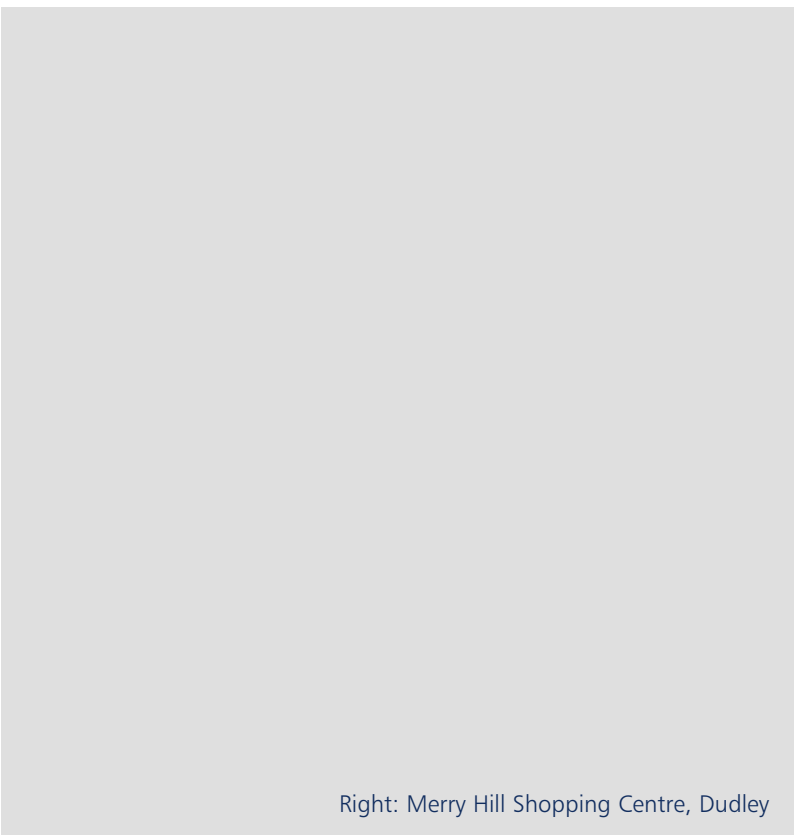
You design your casing, we'll supply it.

Elliptical, octagonal, in fact virtually any shape of casing can be achieved. For more information please contact our Technical Department on: technical@alumascinteriors.com or 01952 580 590

That our preformed plywood products are timber, makes them very adaptable using standard joinery techniques. It also gives you endless scope in terms of product design.



Bespoke Column Casings



Right: Merry Hill Shopping Centre, Dudley



Above: Virgin Active Fitness Centres (nationwide)

Other Pendock Products



THE PENDOCK PRODUCT RANGE

The full range of Pendock products transforms unsightly services, structures, beams and joists into design features.

Whether it is cost effective pipe boxing for social housing, practical perimeter casings in offices, or elegant column casings, you can find a solution at Pendock.

PENDOCK CASINGS FOR SERVICES

This range of products has been installed in thousands of properties, from luxury apartments to social housing providing.

Versatile and practical solutions to the problems of concealing unsightly pipework and electrical cabling.

Products are available in a range of sizes in three shapes and can be used at skirting, dado and ceiling level or vertically in corners and mid wall situations.

Profiles are supplied in a number of finishes, eliminating the need for on site finishing and painting, to enable you to finish the job quicker. A range of standard accessories is available to minimise the need for complicated and time consuming site joinery, ensuring fast and simple installation and a quality finish every time, typically 69% quicker than site-made alternatives.

FDT & MCFDT FLOOR DUCTING

Burying pipes and cables in solid floors was never a practical idea. Time consuming for the contractor, it also caused unnecessary expense for clients who needed subsequent access.

Our FDT & MCFDT ranges of floor ducting profiles consist of preformed tray sections made from 22 gauge dipped galvanised steel and are designed for fixing to the surface of the sub floor before screeding.

Accessories include corner sections, t-junctions, stop ends and butt joints.

Useful Links

RADIATOR GUARDS

Currently in use in hundreds of hospitals, nursing homes, schools, clinics and day care centres, Pendock radiator guards have remained the firm favourite within the public sector for many years.

They are designed specifically to protect building occupants from dangerously hot surfaces, particularly the young, elderly or disabled and are the only **BSRIA certified NHS compliant Radiator Guards**.

Fabricated from mild steel, guards are both hygienic and hard wearing.

All Pendock radiator guards are powder coated with Akzo Nobel's Interpon AB, an anti-bacterial powder coating.

Our Easi-Clean guard even helps combat superbugs such as MRSA. It has fully removable front panels to aid thorough cleaning of radiators and their surrounding area.

PERIMETER CASINGS

Designed specifically to enclose wall mounted air conditioning units, fan coil heaters and finned pipe systems, Pendock perimeter casings have been installed in prestigious offices, airports, universities and financial centres.

Available in a wide range of sizes, shapes and finishes, Pendock perimeter casings provide the perfect solution for covering heat distribution systems in a creative and aesthetic way.

The Pendock 'Steelfix' system reduces installation times by almost two thirds, and means that all panels are demountable for access and cleaning purposes.

TECHNICAL LITERATURE

Comprehensive technical literature is available to assist you in the design and selection of Pendock products.

To apply for a free copy, please visit our website on:

www.pendock.co.uk/customerservices

or call us on **01952 580 590**.

INSTALLATION INSTRUCTIONS

Installation instructions are available to download from our website on:

www.pendock.co.uk/customerservices/install_instructions.asp

or call us on **01952 580 590**.

USEFUL LINKS / EMAIL ADDRESSES

sales@alumascinteriors.com

Product information, standard prices, lead times, availability, and general enquiries.

technical@alumascinteriors.com

Specification and performance information, also support for installations and site visits.

accounts@alumascinteriors.com

Queries relating to your account.

www.pendock.co.uk/CAD

CAD details are available to download.

www.pendock.co.uk/nbs

NBS Plus specification clauses are available on our website.

www.alumasc.co.uk

Our parent company, The Alumasc Group plc.

www.formica-europe.com

Formica and Formica PSM (Perstorp) laminate finishes.

PENDOCK

CASING & ENCLOSURE SYSTEMS

www.pendock.co.uk



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The information contained in this brochure and advice arising therefrom is free of charge and accordingly on the terms that no liability nor liability for negligence will attach to The Company or its servants in relation to any such service arising out of or in connection with this brochure.

The Company pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice.

This manual has been prepared following the guidelines set out in BS 4940 : Parts 1 to 3 : Technical information on construction products and services.