

pipe & fire sprinkler boxing and boiler casings



boiler casings |

riva |

versa 5 |

versa 8 |

versa fr |

versa 8d |

arma



pipe & fire sprinkler boxing and boiler casings

Encasement's approach of providing innovative high quality products at competitive prices, supported by outstanding service, has enabled us to become the UK market leader in the decorative casings, pipe & fire sprinkler boxing and boiler casings.

Our pipe boxing, fire sprinkler boxing and boiler casings product ranges are used primarily in social housing upgrade and refurbishment programmes, which continues to be a core focus of our business, as it has been from day one.

With more than 45 years of manufacturing experience, we take great care to ensure the quality of all our pipe boxing, sprinkler boxing and boiler casing products are produced to the highest standards, which provides a long and durable life.

Where specifications demand the use of flame retardant materials, our range includes pipe boxing solution for interior pipework and fire sprinkler installations fabricated from flame retardant UKTR compliant material.

The Encasement range is now the most comprehensive available and has grown to include new materials, finishes and accessories. This enables us to provide a complete solution for all pipe boxing and fire sprinkler boxing installations, as well as pipe protection and boiler casing projects, whether they're in social and affordable housing, private residential or a range of other sectors, such as health and education.

In the process of manufacturing our products, all timbers are legally & sustainably sourced and are compliant with the requirements of the latest UK Timber Regulations (UKTR). In addition to our standard white resin impregnated paper finish, our 'L' shaped and 'U' shaped pipe boxing profiles can be specified in a wide selection of laminates or a white painted finish.

applications & sectors

There is no quicker, easier or more cost effective method of concealing pipework, fire sprinkler system pipes, flues and other building services than with our pre-formed and pre-finished pipe boxing and boiler casing solutions.

Our extensive range incorporates UKTR compliant 'L' and 'U' shaped plywood boxing, as well as flame retardant boxing for interior applications, which can be finished with white resin impregnated paper, a wide selection of laminates or a white painted finish.

Alongside these, our 'Arma' heavy-duty pre-formed metal casings provide pipe protection and security in exterior applications, where vandalism and theft are primary considerations.

For heating system refurbishments and upgrades, as well as concealing fire sprinkler system pipework, our pipe boxing and casings range provides an outstanding easy to fit solution.

Unightly boiler pipework and flues can also be covered easily, with our range of pre-formed and pre-finished boiler pipe work casings, which can be supplied in one-piece or two-piece styles, including jointed and 'factory pre-made' options.

Sectors:

- * Social housing refurbishment
- * High rise tower block upgrades
- * Fire safety system upgrades
- * Affordable housing
- * Private housing development
- * Hospitals and care homes
- * Schools, colleges and universities
- * Private education
- * Offices and commercial property
- * Hotels
- * Student accommodation

Applications:

- * Central heating pipework
- * Fire sprinkler pipework
- * Flame retardant pipe boxing
- * Mains water pipework
- * Drainage and waste pipes
- * External and internal gas pipework
- * Boiler pipes and flues
- * Air conditioning systems
- * Building services
- * Electrical systems and wiring
- * Heat recovery ductwork

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Boiler Casing

pre-formed plywood
boiler pipework casings

Concealing central heating and flue pipe work with our pre-formed and pre-finished boiler pipework casings can make an immediate improvement to any boiler installation. They're very quick, easy and cost effective to fit, taking less than half the time and cost of site made alternatives, while also providing an effective solution when used as part of ongoing refurbishment and upgrading programmes.

Already widely used in social housing refurbishment programmes and new boiler and central heating installations, our self-supporting casings can be used free standing or secured using mechanical fixings or mastic adhesives, enabling easy removal for routine servicing or maintenance.

Boiler casings can be selected from our wide range of next day delivery, 'ex-stock' products or, when even greater versatility is demanded, from our 'bespoke' casings, which are tailor made to meet individual project specifications.

All Encasement boiler pipe-work casings are pre-finished in hard-wearing laminate, making them easy to wipe clean with no need to paint. All our boiler casings are manufactured, as standard, from UKTR (UK Timber Regulations) compliant & sustainable timber.

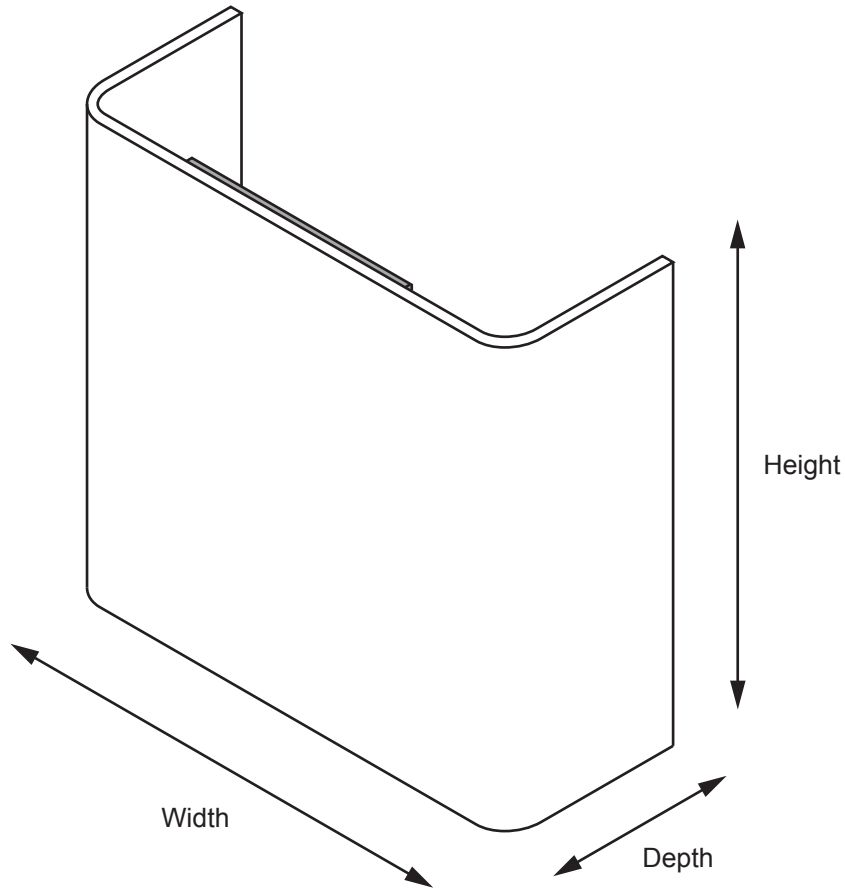
- * Ex-stock and bespoke options available
- * Simple and quick to fit – a uniform finish every time
- * Manufactured from UKTR compliant & sustainable timber
- * Ideal for use above or below the boiler
- * Pre-finished - no need to paint and easy to clean
- * Easy access for routine inspection, servicing & maintenance





Ex-stock boiler casing range

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Design specifications and fixing details are available as DWG and PDF downloads from our website.

Ex-stock boiler casing dimensions (mm)		
Width	Optional Depths	Optional Heights
400	75, 100, 125, 150, 175 or 200	495, 2500 or 3000
420	75, 100, 125, 150, 175 or 200	495, 2500 or 3000
440	75, 100, 125, 150, 175 or 200	495, 2500 or 3000
Heights to be site cut to individual project requirements.		

Non-standard/bespoke sizes are available. To see our range click [here](#).

Specification Details

U shaped casing over laminated with no visible joint

Internal Angles: 90°

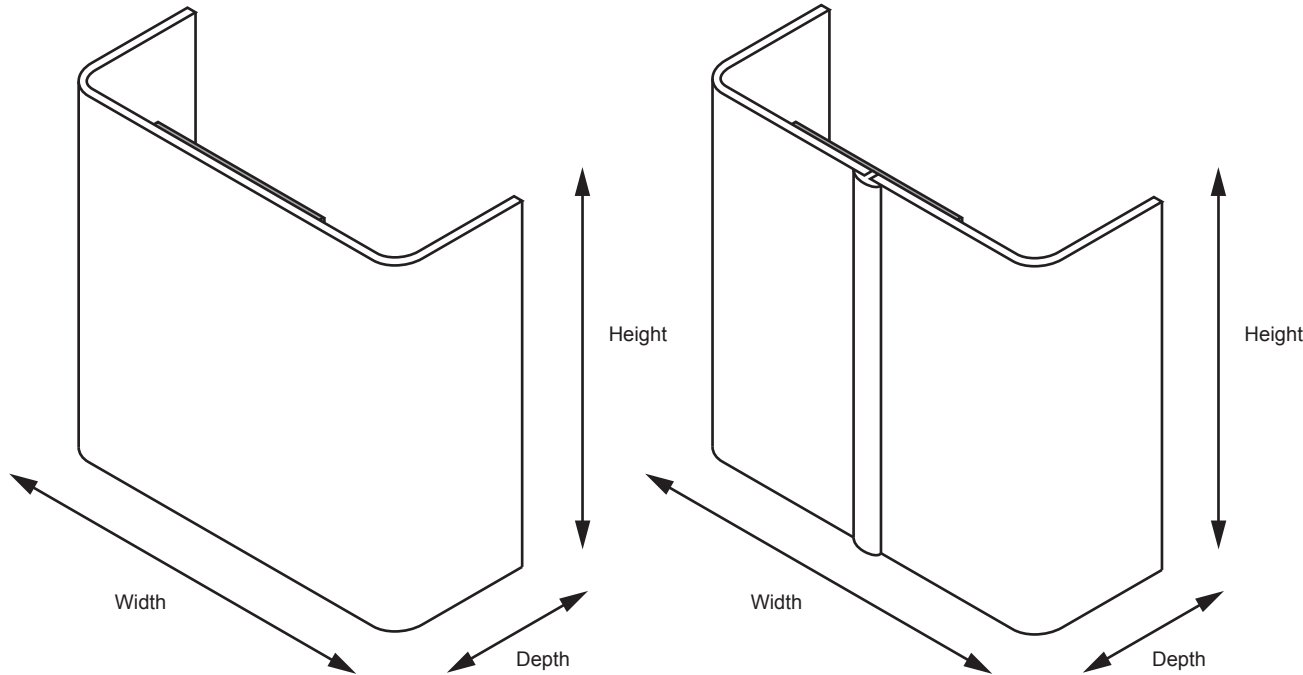
Material Thickness: 8 mm

Finish: White laminate

Fixings: Free standing, mastic adhesive or mechanical fixings with timber battens

Bespoke boiler casing range

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Design specifications and fixing details are available as DWG and PDF downloads from our website.

Bespoke boiler casing dimensions (mm)		
Width	Optional Depths	Optional Heights
From 150-600	From 75-300	495, 1245, 1495, 2500 or 3000
Please specify your individual requirements.		

A range of ex-stock boiler casings are available.
 For information, please [click here](#).

Specification Details

'U' profile mid wall or 'L' shaped into a corner

Internal Angles: 90°

Material Thickness: 8 mm

Finish: White laminate

Joint options: Made to custom dimensions. Factory made with a uPVC joint or over laminated with no visible joint

Fixings: Free standing, mastic adhesive or mechanical fixings with timber battens

Riva & Riva D

pre-formed plywood boxing

The Riva pre-formed plywood pipe boxing range is one of our most widely used products and is installed in countless social housing, affordable housing and housing association projects as well as in the private residential sector.

Our versatile Riva and Riva 'D' products not only provide a simple, quick and exceptionally cost effective solution to conceal horizontal and vertical central heating pipework, but can also be fitted in less than half the time of site made boxing.

Available in a wide range of sizes, Riva and Riva 'D' are pre-finished with a white resin impregnated decor paper, which also makes them easy to clean.

The range also incorporates a selection of dedicated accessories, enabling a consistent, high quality finish to be achieved quickly on site.

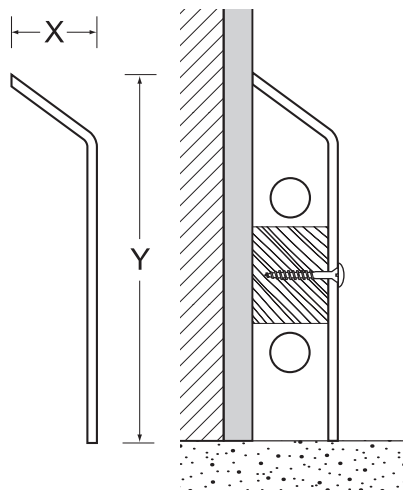
All products are fully compliant with the latest UKTR (UK Timber Regulations) to comply with sustainable building codes and relevant timber procurement policies.

- * Fitted in under half the time of site made pipe boxing
- * Consistent and uniform finish
- * Pre-finished - no painting required
- * Easy to remove for access
- * Manufactured from UKTR compliant sustainably sourced timber
- * Range of dedicated accessories





Riva

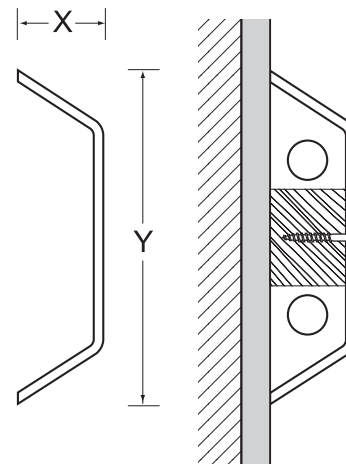


Riva dimensions (mm)			
X	Y	Approx. internal working space	Standard length
45	110	40 x 80	2500
45	150	40 x 120	2500
45	190	40 x 160	2500
75	145	70 x 100	2500
75	180	70 x 140	2500
75	220	70 x 180	2500

Design specifications and fixing details are available as DWG and PDF downloads from our website.

Specification Details
 Internal Angle: 115°
 Material Thickness: 5 mm
 Finish: Decorative resin impregnated paper
 Fixings: Screws and white caps

Riva D



Riva D dimensions (mm)			
X	Y	Approx. internal working space	Standard length
45	135	40 x 80	2500
45	220	40 x 160	2500
45	300	40 x 240	2500
75	200	70 x 110	2500
75	370	70 x 280	2500

Design specifications and fixing details are available as DWG and PDF downloads from our website.

Specification Details
 Internal Angles: 115°
 Material Thickness: 5 mm
 Finish: Decorative resin impregnated paper
 Fixings: Screws and white caps

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accessories



internal corner



external corner



stop ends



joint cover



screws



white caps



fixing battens



soffit vents

Versa 5 & 8

pre-formed plywood boxing

Our Versa pipe boxing range is a highly versatile solution for concealing pipework in both domestic and commercial applications. From bathrooms and kitchens to major heating installations and concealing fire sprinkler pipework installations, Versa is both adaptable and effective.

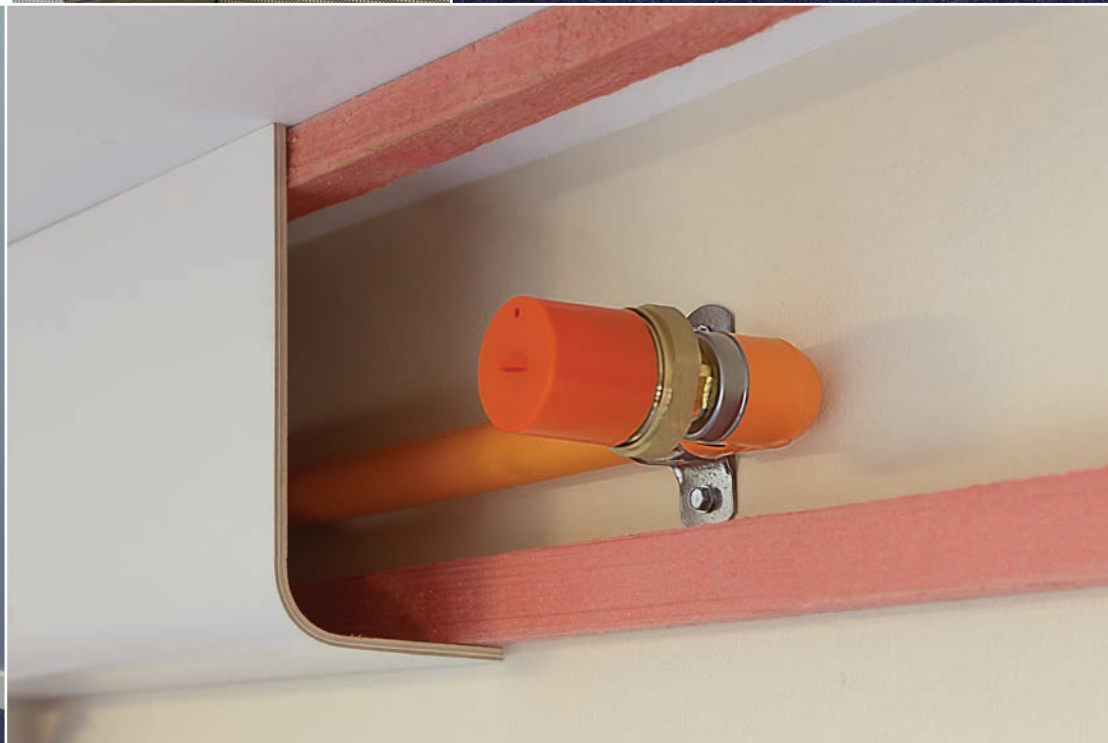
Available in both 5mm and 8mm thicknesses to meet a diverse range of specifications and project requirements, Versa 5 and Versa 8 boxing is manufactured in a choice of standard lengths and is covered by our 2 year guarantee. A range of dedicated accessories is also available, enabling a consistent, high quality finish to be achieved quickly on site.

Suitable for both vertical and horizontal installation, Versa pre-formed pipe boxing is pre-finished with a decorative resin impregnated paper, which is durable and easy to clean, making it ideal for a broad range of applications.

All Versa 5 & 8 products are fully compliant with the latest UKTR (UK Timber Regulations) on legal and sustainable timber to comply with sustainable building codes and relevant timber procurement policies.

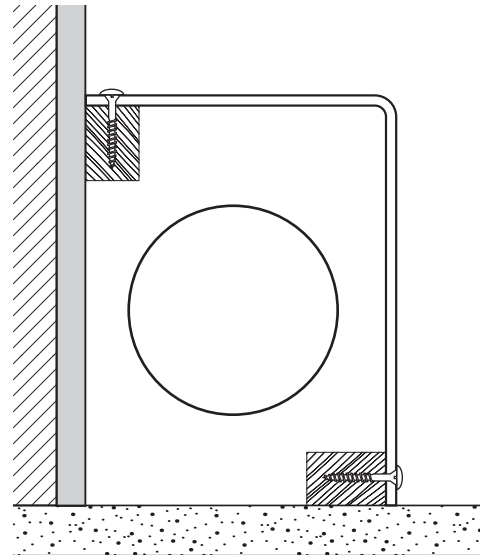
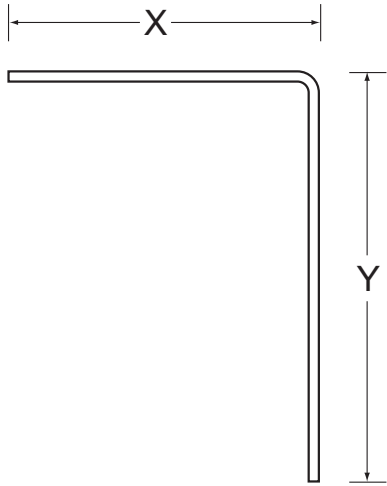
- * Designed for horizontal and vertical applications
- * Fitted in under half the time of site made pipe boxing
- * Consistent and uniform finish
- * Pre-finished - no painting required
- * Easy to remove for access
- * Manufactured from UKTR compliant sustainably sourced timber
- * Range of dedicated accessories





Versa 5

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Design specifications and fixing details are available as DWG and PDF downloads from our website.

Versa 5 - dimensions (mm)			
X	Y	Approx. internal working space	Standard length options
75	150	70 x 145	2500 and 3000
75	200	70 x 195	2500
75	300	70 x 295	2500
100	200	95 x 195	2500 and 3000
100	300	95 x 295	2500
150	300	145 x 295	2500 and 3000
200	200	195 x 195	2500 and 3000
200	300	195 x 295	2500 and 3000
300	300	295 x 295	2500 and 3000

Specification Details

Internal Angle: 90°

Material Thickness: 5 mm

Finish: Decorative resin impregnated paper

Fixings: Screws, caps and fixing battens

accessories



internal corner



external corner



stop ends



joint cover



screws



white caps



fixing battens



soffit vents



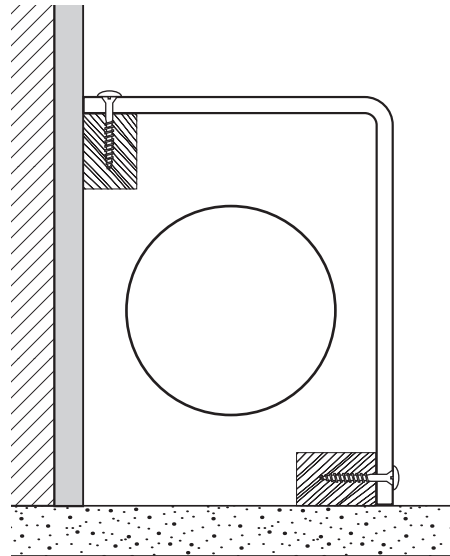
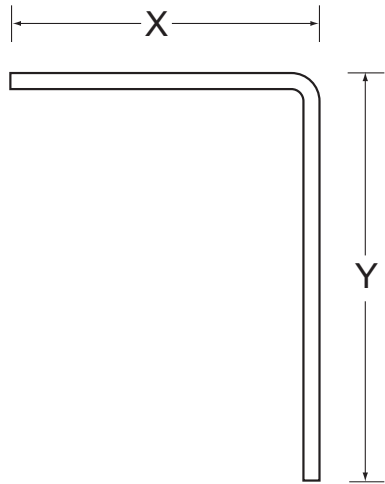
pipe collars



access panels

Versa 8

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Design specifications and fixing details are available as DWG and PDF downloads from our website.

Versa 8 - standard dimensions (mm)			
X	Y	Approx. internal working space	Length
150	150	142 x 142	3000
150	200	142 x 192	3000
150	300	142 x 292	3000
150	400*	142 x 392	3000
200	200	192 x 192	3000
200	300	192 x 292	3000
200	400*	192 x 392	3000
300	300	292 x 292	3000
300	500*	292 x 492	3000

*Corners need to be site-mitred

Larger fabricated sizes are also available on request.

Specification Details

Internal Angle: 90°

Material Thickness: 8 mm

Finish: Decorative resin impregnated paper

Fixings: Screws, caps and fixing battens

accessories



internal corner



external corner



stop ends



joint cover



screws



white caps



fixing battens



soffit vents



pipe collars



access panels

Versa FR

flame retardant sprinkler boxing

Where flame retardant boxing is specified to conceal fire sprinkler pipework Versa FR is the perfect solution, as it is manufactured from UKTR and Euroclass B standard compliant board.

Versa FR has a white painted finish, giving a joint-less and easy to clean surface to help integrate with the interior of flats and communal areas. The sprinkler boxing can be easily cut to length on site or drilled to accommodate fire sprinkler heads and are secured simply by screw fixing to timber battens or aluminium angles, which also allows easy access for inspection and routine sprinkler maintenance.

A range of dedicated Versa FR accessories is also available including internal and external corners, as well as stop ends. When running lengths are butted end to end or where they join Versa FR internal and external corners, it is recommended that an intumescent mastic sealant is used to ensure the integrity of the boxing.

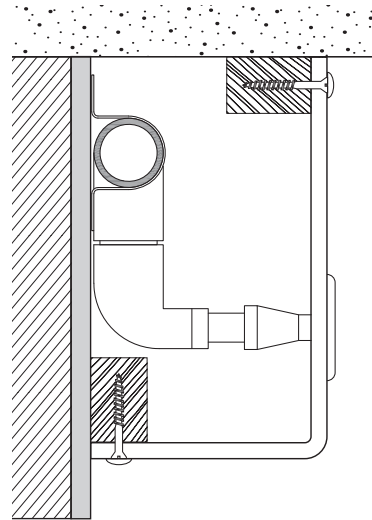
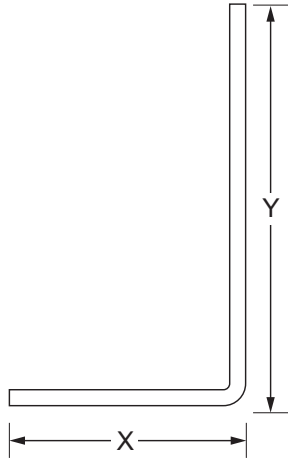
Where the Versa FR boxing's vertical and horizontal legs abut the fabric of the building (ceiling & wall), please consult the fire officer for guidance and to obtain the correct mastic specification. The contractor/installer is responsible for ensuring this product meets the required project and fire specifications.

- * Manufactured from Euroclass B standard-compliant board
- * Designed primarily for high-level horizontal applications
- * Suitable for use in flats, lift lobbies and communal areas
- * UKTR compliant material
- * Consistent and uniform finish
- * White painted finish
- * Easy to remove for access
- * Range of dedicated accessories



Versa FR

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Design specifications and fixing details are available as DWG and PDF downloads.

Versa FR - dimensions (mm)			
X	Y	Approx. internal working space	Standard length options
150	150	138 x 138	2400
150	200	138 x 188	2400
150	300	138 x 288	2400
150	400	138 x 388	2400
200	200	188 x 188	2400
200	300	188 x 288	2400

Dimensions are indicative only and actual boxing sizes will be supplied to meet individual project requirements.

'U' shaped sprinkler boxings are also available to suit individual project requirements.

Specification Details

Internal Angle: 90°

Material Thickness: 12 mm

Finish: Painted white

Fixings: Screws, caps and fixing battens

accessories



internal corner



external corner



stop ends



screws



white caps



fixing battens

Versa 8D

pre-formed plywood boxing

Manufactured from 8mm thick pre-formed plywood and finished with decorative resin impregnated paper or laminate, Versa 8D provides the ideal solution for concealing interior vertical pipe work and building services.

Versa 8D is available either as an 'ex-stock' factory pre-made option that is over-laminated with no visible joint or as a 'bespoke' casing supplied as a 'U' shaped factory made solution, complete with an integrated uPVC facing joint or over-laminated with no visible joint.

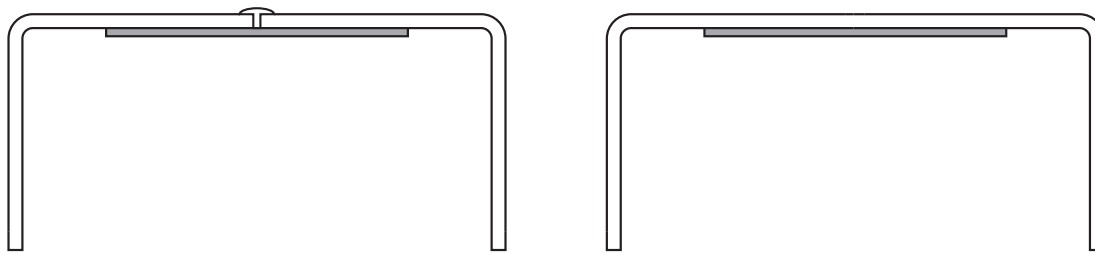
All products in the Versa 8D range are fully compliant with the latest UKTR (UK Timber Regulations) on legal and sustainable timber to comply with sustainable building codes and relevant timber procurement policies.

- * Designed for vertical mid-wall applications
- * Fitted in under half the time of site made pipe boxing
- * Consistent and uniform finish
- * Pre-finished - no painting required
- * Versatile one-piece or two-piece options
- * Manufactured from UKTR compliant sustainably sourced timber
- * Easy to remove for access



Versa 8D

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Design specifications and fixing details are available as DWG and PDF downloads from our website.

Versa 8D - ex-stock dimensions (mm)		
Width	Optional depths	Length
200	100, 150, 200	3000
400	75, 100, 125, 150, 175, 200	3000
420	75, 100, 125, 150, 175, 200	3000
440	75, 100, 125, 150, 175, 200	3000
Versa 8D - bespoke dimensions (mm)		
Width	Depth	Length
From 150 to 600	From 75 to 300	3000

Any Width and Depth dimensions can be selected between the sizes given above.

Ex-stock and Bespoke Casing Specification Details

Internal Angle: 90°

Material Thickness: 8 mm

Finish: Decorative resin impregnated paper or laminate options

Joint options: Made to custom dimensions. Factory made with a uPVC joint or over laminated with no visible joint

Fixings: Screws, caps and fixing battens

accessories



stop ends



screws



white caps



fixing battens



soffit vents



pipe collars



access panels

Accessories



Internal corners

A range of easy-to-fit one-piece, prefabricated 90° push-fit corners, finished in white and dedicated to Riva and Versa products, which enable them to be easily located and installed around internal corners.



External corners

A range of easy-to-fit one-piece, prefabricated 90° push-fit corners, finished in white and dedicated to Riva and Versa products, which enable them to be easily located and installed around external corners.



Stop ends

A range of easy to fit stop ends, dedicated to Riva and Versa products and finished in white, which enable the open ends of pipe boxing runs to be easily and tidily closed off.



Joint covers

Allows extended pipe boxing runs to be achieved easily by providing a simple push fit connection between two or more lengths of pipe boxing.



Screws

Countersunk, cross head style 25mm long No.3 wood screws, which are recommended for fixing at 600mm centres along the length of the profile. Sold in bags of 100.



Screw cover caps

White 10mm diameter low profile screw cover cap complete with washer. Sold in bags of 100.



Fixing battens

For use with all pipe boxing and boiler casing products. Nominal dimensions of 25mm x 38mm x 2400mm long.



Soffit vents

Required to ventilate a gas pipe boxing to avoid any potential build-up of gas within the boxing if a leak should occur. The 2mm thick white plastic vent has an overall diameter of 50mm and requires a 35mm diameter hole for installation.



Pipe collars

For use with heating pipework. Available in white or chrome effect finishes to fit either 12mm diameter or 22mm diameter pipes. Overall finished diameters are 55mm and 67mm respectively. Sold in packs of 10.

Pipe collars for toilet waste pipework. White or chrome effect finish to fit 110mm diameter waste pipe with a 175mm overall diameter. Sold individually.



Document wallet

A durable clear plastic wallet sized to accept A4 documents, enabling the storage of boiler operating instructions together with maintenance and servicing information.



Circular plastic access panels

White plastic circular frame and threaded removable door panel, available in the following sizes:-

- Door size 102mm diameter (Overall diameter 158mm)
- Door size 127mm diameter (Overall diameter 182mm)
- Door size 152mm diameter (Overall diameter 220mm)



Rectangular plastic access panels

White plastic rectangular frame with hinged, removable door panel, available in the following sizes:-

- Door size 108mm x 158mm (Overall size of 158mm x 208mm)
- Door size 150mm x 230mm (Overall size of 200mm x 280mm)
- Door size 200mm x 200mm (Overall size of 250mm x 250mm)
- Door size 300mm x 300mm (Overall size of 350mm x 350mm)

Arma

metal pipe protection

Arma metal casings have been developed for use in a range of projects, to protect external pipework, cabling and other building services from theft, accidental damage and vandalism, particularly where the pipes run close to the ground and are in easy reach.

The theft of copper pipes and the associated dangers of cutting through external gas pipework present significant safety risks as well as disruption and the high cost of remedial work. Arma provides effective security and a deterrent for projects where maximum protection is necessary.

From simple vertical and horizontal pipe runs to more complex district heating and central boiler installations, Arma provides a practical and effective solution.

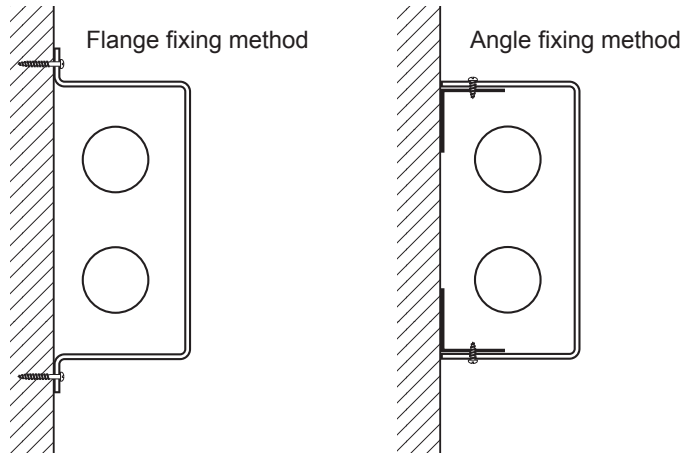
Arma is manufactured using strong, lightweight and corrosion resistant aluminium, which is formed into 'U' shaped channel profiles that can be readily secured to the external wall using heavy-duty aluminium angle brackets and suitable fixings.

Can be coated in any RAL paint reference to blend in with wall colours and surroundings. Pre-formed Internal and external corners, together with joint covers and end caps are available to simplify installation.

- * Secure protection for external pipework and services
- * Strong, pre-formed aluminium construction
- * Range of sizes and fitting options
- * Wide range of RAL finishes available
- * Dedicated accessories available
- * Easy to install
- * Durable deterrent to theft and vandalism







Design specifications and fixing details are available as DWG and PDF downloads from our website.

Arma dimensions (mm)			
Width	Depth	Approx internal working space*	Length
100	50	94 x 47	2400
100	75	94 x 72	2400
150	75	144 x 72	2400
150	100	144 x 97	2400
200	100	194 x 97	2400
200	125	194 x 119	2400
200	150	194 x 147	2400
250	100	244 x 97	2400
250	125	244 x 119	2400
250	150	244 x 147	2400
300	150	294 x 147	2400
300	200	294 x 194	2400

The above table is a guide only and dimensions are based on a 3mm Arma profile.

Bespoke casings: Arma can also be manufactured to meet the needs of individual projects incorporating specific dimensions and finishes.

A range of corners and dedicated accessories are available to complete the Arma system.

Specification Details

Supplied as: single piece 'U' profile - no joint

Internal and external angles: 90°

Material Thickness: 3 mm

Finish: Polyester powder coated (PPC)

or anodised options

Fixings: Mechanical tamper proof fixings

are recommended and suitable fasteners

should be sourced separately

Bespoke casings:

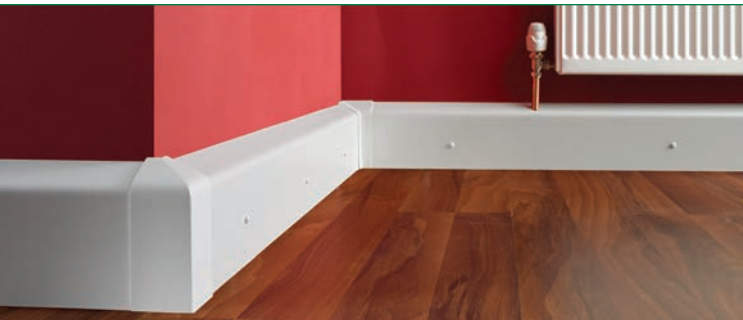
Arma can also be manufactured to individual

dimensions and incorporate specific finishes

to meet the needs of specific project specifications

en casement

our range includes...



pipe & fire sprinkler boxing and casings for services



wall linings, bulkheads & reveals



decorative column casings

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