



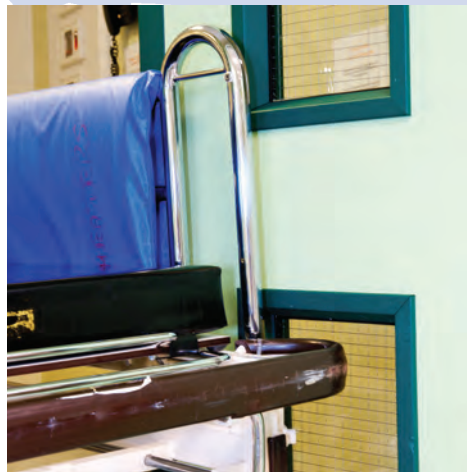
YEOMAN SHIELD

WALL & DOOR PROTECTION

making business a pleasure *for over 50 years*



FIRE RATED DOOR PROTECTION

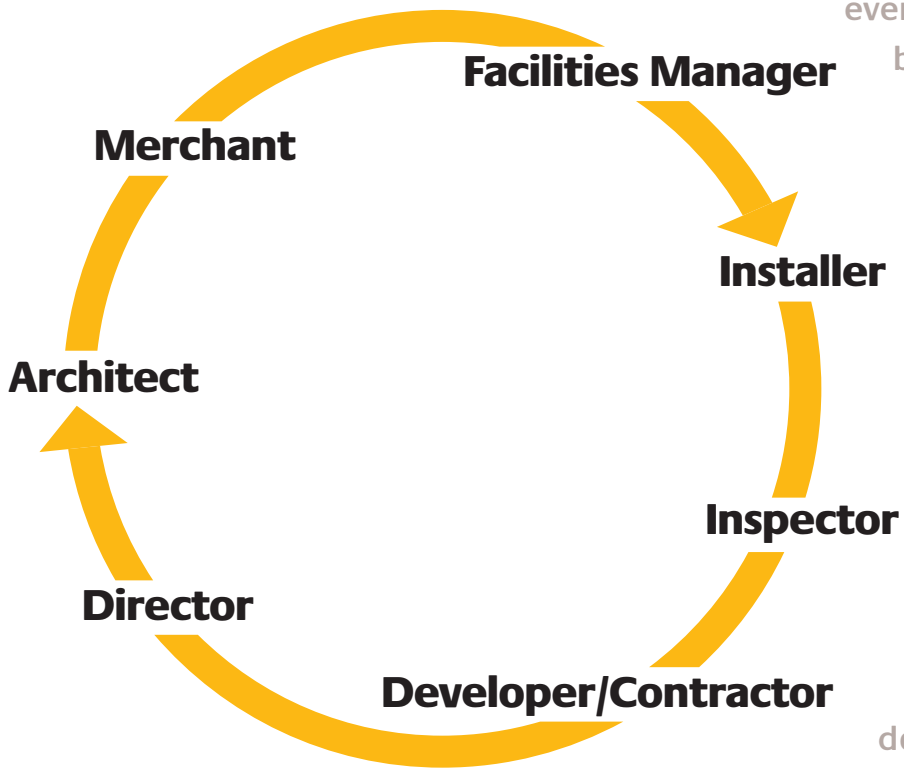




IT'S A FACT
FIRE DOORS SAVE LIVES
- WILL YOURS?



YEOMAN SHIELD FIRE RATED DOOR PROTECTION PRODUCTS CAN HELP WITH FIRE DOOR SAFETY



Fire doors are fitted to prevent the spread of smoke and flame in buildings in the event of a fire, helping to save both lives and buildings.

No matter where you are in the chain it is your responsibility to ensure correct fire doors are fitted and that they are maintained in good working order at all times.

Installing Yeoman Shield's fire rated door protection products - available for FD30 and FD60 doors - can save time and money on the repair and replacements of precious fire doors

over a buildings lifetime. Protecting them from damage caused by the continual thoroughfare of people and equipment, these products will not affect the integrity of a fire door.

An owner of a building has a legal duty to comply with the Regulatory Reform (Fire Safety) Order RRO of which article 17 refers to the requirement of a suitable maintenance regime which ensures that all relevant equipment is in an efficient state, is in place – and this includes fire doors.

Expensive fire doors are like sitting ducks when it comes to impact damage. Vulnerable glazing beads can be splintered and split, door edges can be carved up whilst door surfaces can experience dents and holes. The very kind of impairment which can render a fire door ineffective, risking the safety of lives and buildings.

Installed on new doors, Yeoman Shield products can be the solution to stopping damage occurring from the start. They can, however, also be retro fitted to doors already in use - that have slight/medium damage already inflicted on them - helping to improve their appearance and condition.

Before fitting any protection products the rating of a door must be clarified. This information is sometimes identified on the doorset or found in the O & M manuals.

It is the user's responsibility to ensure that fire doors fitted with Yeoman Shield Products meet the appropriate fire legislation and regulations, whether new or existing doors.

ALL YEOMAN SHIELD FIRE RATED PRODUCTS HAVE BEEN TESTED TO THE CURRENT STANDARDS REQUIRED.

PROBLEM SOLVING

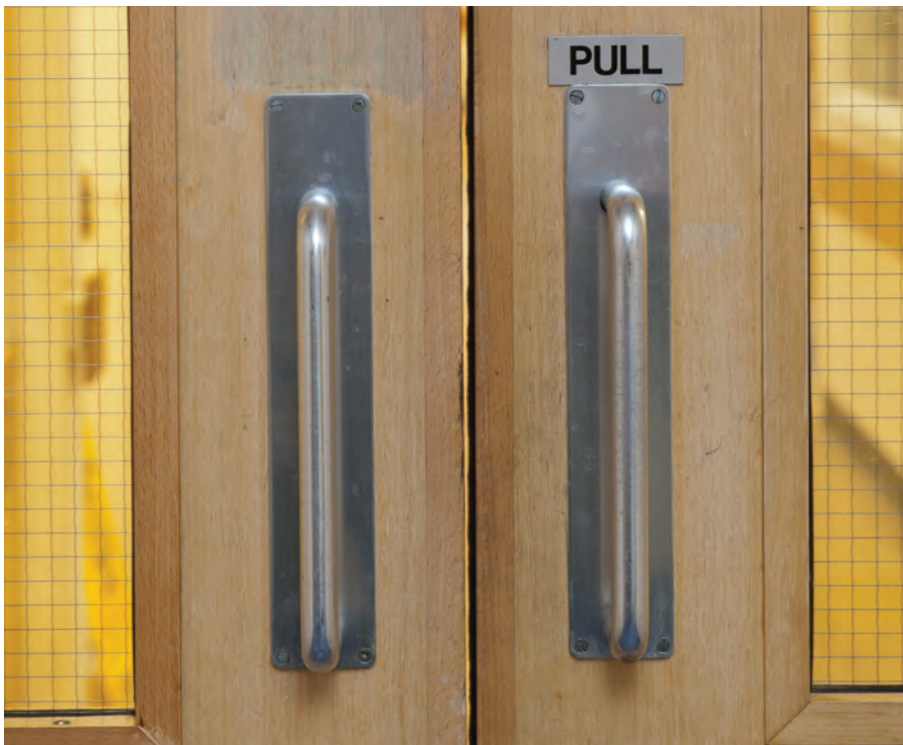
FIRE RATED DOOR PROTECTION

Fitting Yeoman Shield fire rated door protection products will improve the look and appearance of fire doors, maintaining the integrity whilst providing a more durable surface to prevent and reduce impact damage. It should be noted however that in no way will it return the doors back to their original state.

Any additional components to a fire door must be compatible with the door and confirmed by test evidence.

Yeoman Shield manufactured materials have been fully fire tested (refer to pages 84 & 85 for details) as well as having undergone further testing in the application in which they will be used. – **That's important to check as not all fire test reports and associated products are the same.**

MIND THE GAP



◀ PROBLEM

Gaps over 3mm between the meeting edges of doors and between doors and frames can result in the doors being ineffective, in the event of a fire, in preventing the spread of smoke and flames to the next compartment.

SOLUTION ▶

Yeoman Shield Door Edge Protectors will protect the meeting and hinged door edges from damage which can cause these gaps to appear. Ideally fitted to new doors to prevent harm from happening, the Door Edge Protectors can be retrofitted and in certain situations can eliminate the “gap” problem, without affecting the fire integrity





DON'T GLAZE OVER BEADING PROBLEMS



◀ PROBLEM ▶

A split, loose or missing glazing bead will affect the integrity of a fire door's rating.

SOLUTION ▶

Yeoman Shield PVCu Clad Glazing Beads can be installed on new doors or as a replacement on older doors. Taking the brunt of the impact the PVCu cover ensures that there is no splitting or damage and therefore not compromising the fire door rating.



TAKE A LEAF OUT OF OUR BOOK AND PROTECT YOUR FIRE DOORS



◀ PROBLEM ▶

Holes, splits and dents in the door leaf can lead to loss of integrity to the fire door rating.

SOLUTION ▶

Installing Yeoman Shield 2.0mm thick fire rated door protection panels to begin with will avoid the detrimental blows that come from everyday use. They can also be fitted to doors which have already been damaged and this in some situations can bring the door back to a satisfactory functioning state.



ALL YEOMAN SHIELD FIRE RATED PRODUCTS HAVE BEEN TESTED TO THE CURRENT STANDARDS REQUIRED.



FIRE RATED DOOR PROTECTION - vital all round defence





Door Protection Panels see pages 8/9



Door Edge Protectors see pages 10/11



Frame & Architrave Protectors see pages 12/13



PVCu Glazing Bead see pages 14/15



PVCu Clapping Lath see pages 16/17

Fitting a fire rated door protection product from Yeoman Shield will make sure that expensive and vital fire doors will be kept in good working order whilst still retaining the all important fire integrity.

DOOR PROTECTION PANELS & PLATES



The surfaces of doors require protecting at varying height from holes, splinters and dents which are caused by impact from everyday use. This damage can impede the function of a fire door.

Yeoman Shield Door Protection Panels & Plates offer a remedy with different height, widths and shapes available.

Fully fire certificated, the protective panels can be either retrofitted to existing doors or installed on new ones without affecting the integrity of a fire rated door.





Composition

Yeoman Shield Door Panels and Plates are manufactured in sheet form using extruded Vinylac*, with the fixing option of double sided tape.

* Please see information on page 18.

Dimensions

Standard sheets are 2500 x 1250mm and held in stock in 2.0mm thickness.

Panels are workshop cut to suit customer requirements, however full sheets may be supplied if required.

N.B. 2.5mm thick sheet is available to order, lead time will depend on quantity and colour selected from our standard range.

Colours and Finishes

Please go to <http://www.yeomanshield.com/colours-finishes>, or request a PDF.

Special Information

Panels can be cut and shaped in many different ways to meet individual requirements and offer greater design capabilities.

Cutting panels to size often leaves us with stock residue. It may be possible to meet your requirements for Push/Mid/Kick and D Plates from such material, at reduced cost.

For fire test details see General Information on page 18.



ALL YEOMAN SHIELD FIRE RATED PRODUCTS HAVE BEEN TESTED TO THE CURRENT STANDARDS REQUIRED.

DOOR EDGE PROTECTORS®



Yeoman Shield fully fire tested FD30 and FD60 Door Edge Protectors play a major part in the maintenance of expensive fire doors. -® Patented product.

Straight forward to install and with a reinforced inner core for added strength they are equipped to ward off the heaviest of blows.

Fit to leading and hinged edges for all round protection without affecting the door's fire integrity.

Composition

Door Edge Protectors are manufactured using Vinylac*, the same material used to produce Yeoman Shield Wall & Door Protection Panels.

They have a 9mm thick toughened PVCu inner core and a fire seal insert.

* Please see information on page 18.

Dimensions

As the door thickness determines the size, Door Edge Protectors are manufactured to order. A return leg length of 50mm is recommended for optimal protection. Standard thickness is 2.0mm.

Door Edge Protectors can be formed to suit Radius or Square edge doors and Double Swing doors of various door thickness, complete with appropriate fire or fire and smoke seals which also conceal the fixings.

N.B. 2.5mm thick door edge protectors are available to order, lead time will depend on quantity and colour selected from our standard range.

Colours and Finishes

Please go to <http://www.yeomanshield.com/colours-finishes>, or request a PDF.

N.B. All seals are supplied in Black as standard.

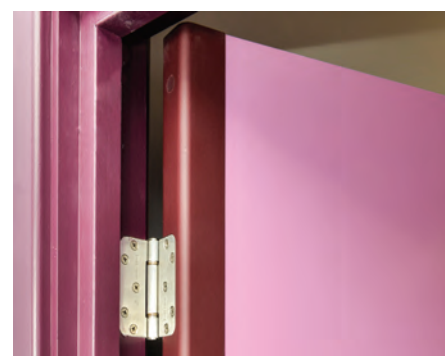
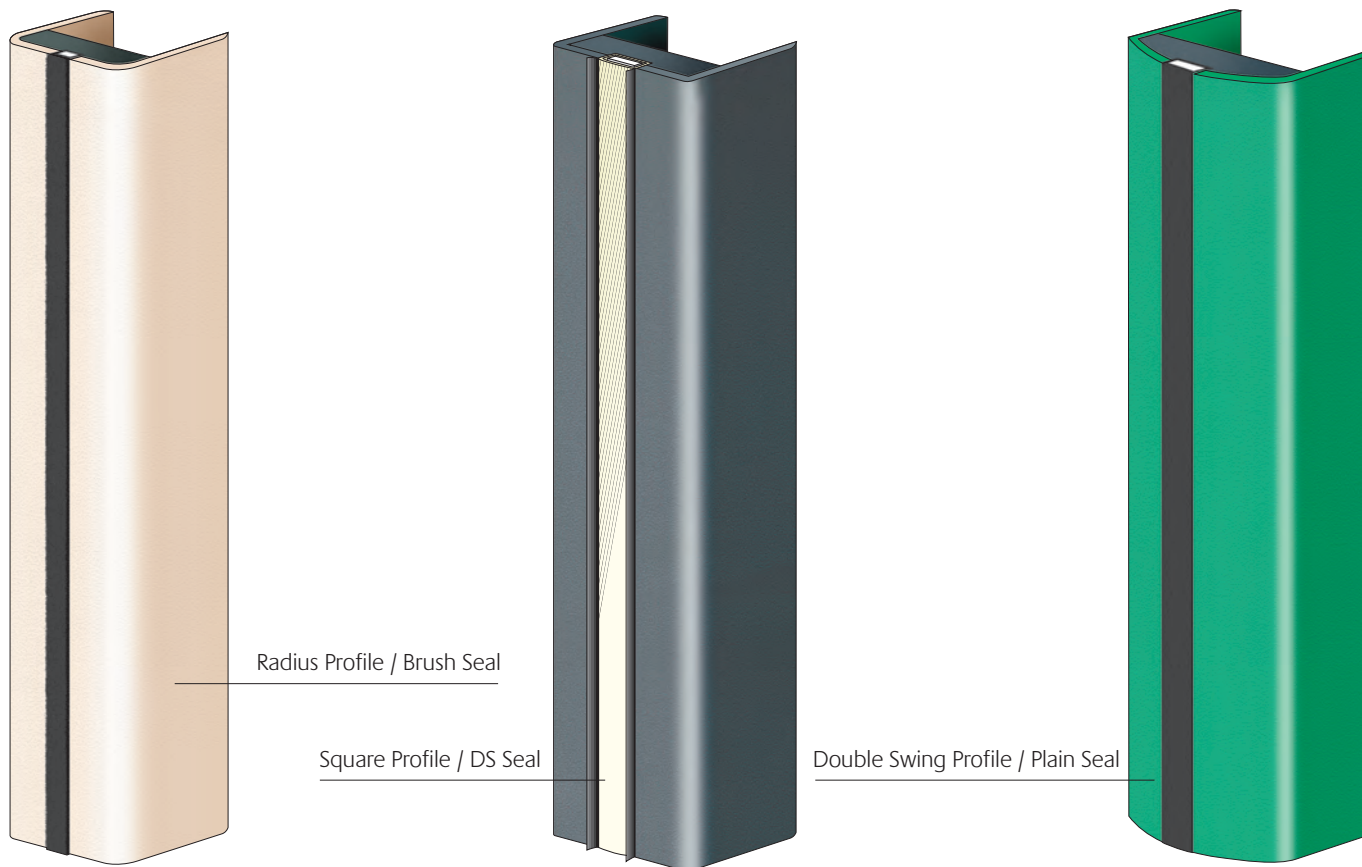
Special Information

N.B. All Door Edge Protectors may be fitted without seals to non fire doors, where protection or aesthetics is the only consideration.

A lead lined option can be supplied and fitted in conjunction with the Yeoman Shield Clapping Lath (pages 16 & 17).

For fire test details see General Information on page 18.





Important Advice:

Before work commences on the installation of Door Edge Protectors establish that the FD30 or FD60 is certified.

Such information can sometimes be identified on the doorset or found in the O & M Manuals.

It is the user's responsibility to ensure that fire doors fitted with Yeoman Shield products meet the appropriate fire legislation and regulations, whether new or existing doors.

N.B. Fitting Yeoman Shield Door Edge Protectors and other fire tested products to fire doors will improve the look and appearance whilst maintaining the fire integrity, providing a more durable surface to prevent and reduce impact damage. It should be noted however that in no way does it return the doors to their original state.

ALL YEOMAN SHIELD FIRE RATED PRODUCTS HAVE BEEN TESTED TO THE CURRENT STANDARDS REQUIRED.

DOOR FRAME & ARCHITRAVE PROTECTORS



Door frames and architraves especially at low level can be exposed to breaking and splintering.

Frame and Architrave Protectors from Yeoman Shield are designed to prevent such damage and so avoid costly and continual repair bills.

The Universal Frame Protector profile is available with a nosed corner to help detract impact.

Full PVCu split frame units are complete with timber inners in standard sizes for new build or total replacement projects.

Made to measure Post Form Protectors can also be ordered to fit most configurations making good frame work that may already have been damaged.

Composition

Door Frame & Architrave Protectors are manufactured using Vinylac*, either extruded to set sizes or post-formed using the same material as Yeoman Shield Wall & Door Protection panels.

Solid timber inserts are machined to suit the various extruded PVCu profiles.

*** Please see information on page 18.**

Dimensions

Post formed protectors are manufactured to suit existing timber frames/dimensions, and are supplied in lengths up to 2.4m.

Extruded protectors are 2.0mm thick and are available from stock in the following **internal** sizes:

Architrave:

Square/Radius 15 x 45 x 15mm

Radius/Radius 18 x 45 x 18mm

Square/Splayed 18 x 25 x 20 x 15mm

Stop Lath:

Softwood FD30 (1/2Hr) 18 x 45 x 18mm

Hardwood FD60 (1Hr) 25 x 45 x 25mm

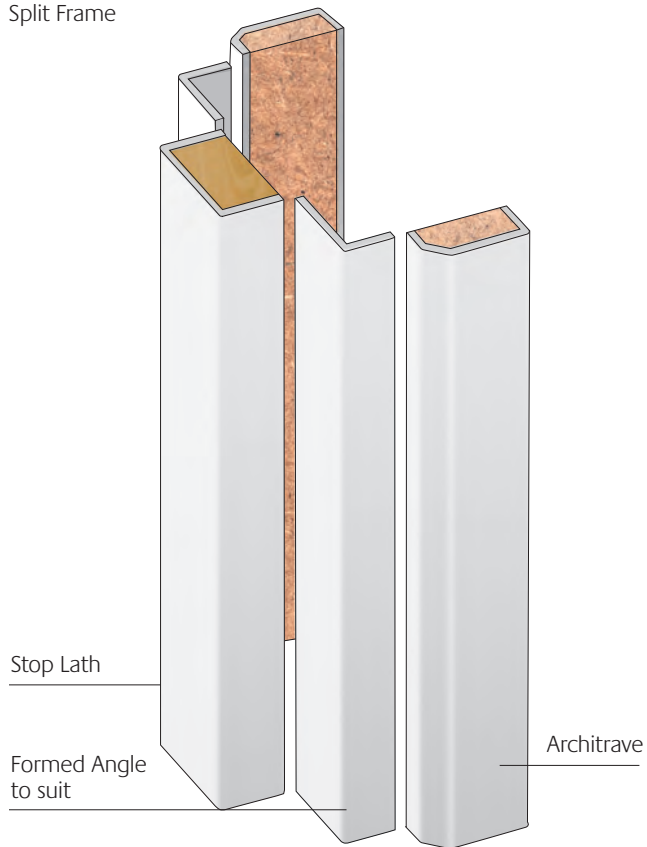
These are supplied in lengths up to 2.3m, with or without solid timber inserts.

Universal Frame Protector is manufactured with an overall leg size of 60 x 60mm** and a 20mm formed corner, supplied in lengths up to 2.4m.

**Standard leg length, smaller options available on request.



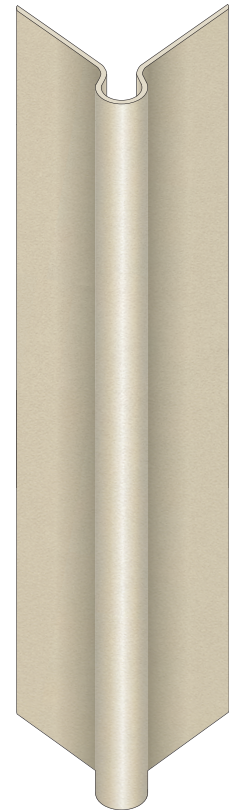
Split Frame



Post-Formed Single Frame



Universal Frame Protector



Colours and Finishes

Please go to <http://www.yeomanshield.com/colours-finishes>, or request a PDF.

N.B. The Extruded split frame protector is only available in a Smooth finish, in White or Graphite Grey.

Special Information

For fire test details see General Information on page 18.

Yeoman Shield have developed alternative options for PVCu covered, timber core, architrave protection systems. With accentuated profiles, they have been designed to deflect impact, minimising the damage that can be caused from trolleys and carts etc.

Architraves do not form part of the fire test for a door and frame, they are merely cosmetic and installed to cover the joint between the door frame and wall.

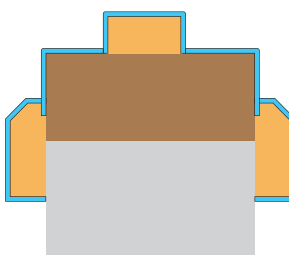
Therefore these can be replaced with alternative PVCu covered versions, as shown, which help to deflect impact from vehicular traffic and reduce damage.



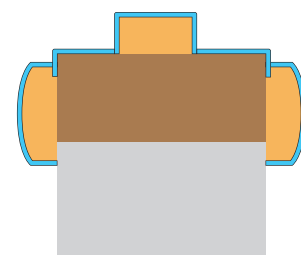
DOOR PROTECTION



Typical Frame



Alternative Frame



ALL YEOMAN SHIELD FIRE RATED PRODUCTS HAVE BEEN TESTED TO THE CURRENT STANDARDS REQUIRED.

PVCu CLAD GLAZING BEAD



Yeoman Shield Glazing Bead Protectors are designed to reduce damage and expensive maintenance costs to the vision panel apertures of fire doors. They can give existing damaged doors a new lease of life.

Glazing Bead Protectors may be fitted to new or existing fire doors, without affecting the doors fire integrity.

We can tailor the refurbishment of damaged timber beads and fire glass to your requirements by replacing just one bead, both beads or bead/s and glazing.

Composition

The PVCu Glazing Bead Protectors are manufactured using Vinylac*, the same material used to produce Yeoman Shield Wall & Door Protection Panels. (See pages 8-9).

They have a Hardwood inner core which the PVCu material is formed around and are supplied with the relevant fire seals.

* Please see information on page 18.

Dimensions

As the door thickness determines the size, Glazing Bead Protectors are made to order. Standard thickness of the PVCu material is 2.0mm.

Supplied in either 2.44m lengths or in a formed unit for fixing to FD30 (1/2 Hr) or FD60 (1Hr) fire doors, complete with the appropriate fire seals.

If supplied as a finished unit we request exact dimensions to be provided when the order is placed.

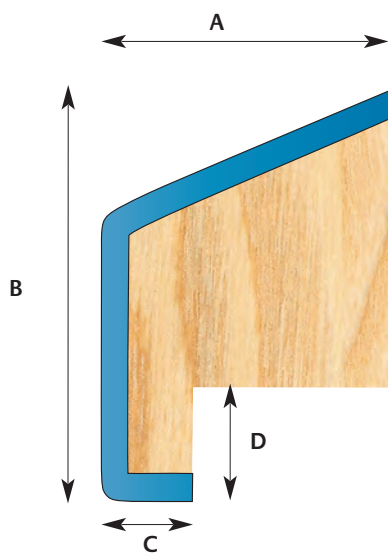
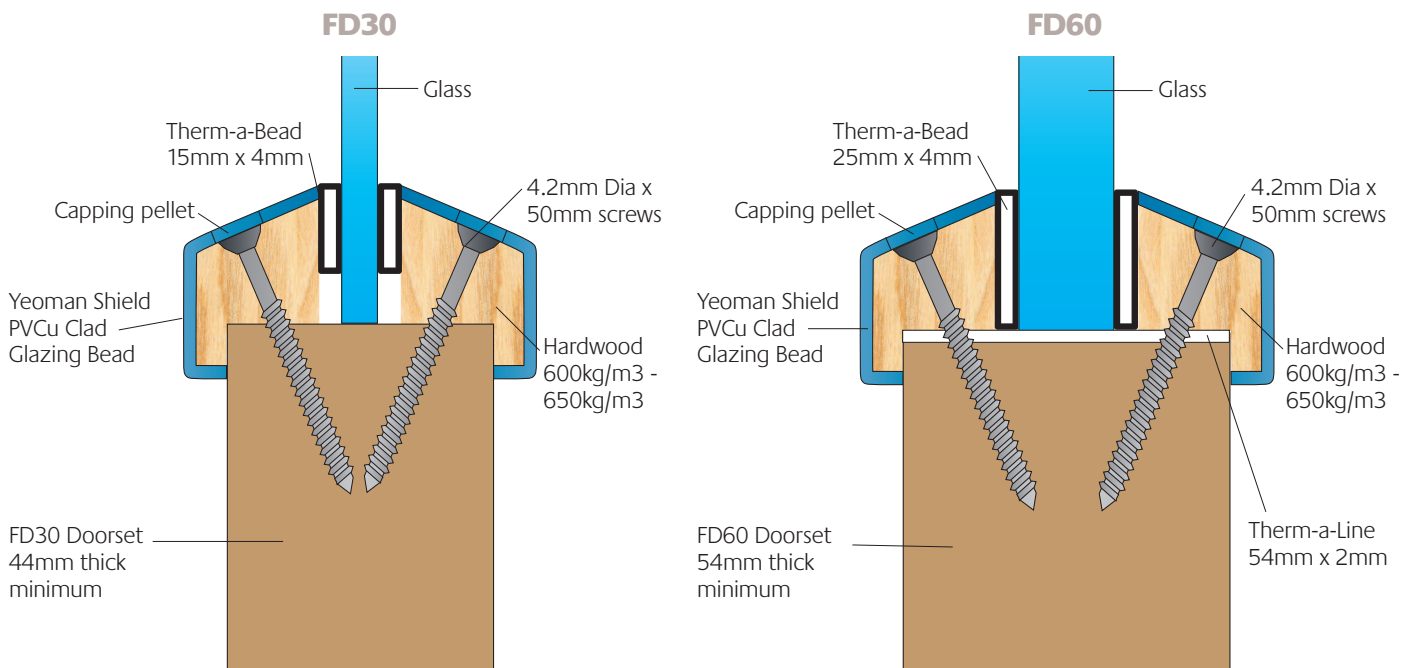
Colours and Finishes

Please go to <http://www.yeomanshield.com/colours-finishes>, or request a PDF.

Special Information

For fire test details see General Information on page 18.





Typical material dimensions for ½ hour door, FD30 (as fire tested):

A (22.5mm), **B** (32mm), **C** (7mm) & **D** (9mm)

Typical material, dimensions for 1 hour door, FD60 (as fire tested):

A (27.5mm), **B** (34mm), **C** (7mm) & **D** (9mm)

Dimension **A** is adjusted to suit door thickness, glazing, door panels, etc., which will alter dimension **B** slightly, but all other dimensions **must** remain the same. This adjustment can be made during manufacture of the bead or by a competent person once exact dimensions are known.

These materials are bespoke and once manufactured to your sizes, colour, etc. cannot be taken back in to stock.

Important Advice:

Before work commences establish that the FD30 or FD60 fire doorset is certified with fire glass fitted.

Such information can sometimes be identified on the doorset or found in the O & M Manuals.

It is the users responsibility to ensure that fire doors fitted with Yeoman Shield products meet the appropriate fire legislation and regulations, whether new or existing doors. The following existing or new fire glasses have been approved for use with this product as per the WF Assessment Report No 312453 and as approved in ISL's CERTIFIRE Certificate CF284 :

FD30 (Glass Tested: Pyroguard C730)

Fully insulating glass: Pyrostop, Pyrobel, Pyranova, etc.

Semi insulating glass: Pyrostem, Pyroshield, Pyran S 6mm, Pyrodur Plus 7mm, Pyrobelite 7mm, Pyroguard C & W 7mm, Pyroguard C & W 11mm, Pyroguard 7mm IGU's Pyrodur 10mm, Fireswiss Foam.

FD60 (Glass Tested: Pyrostop 15mm)

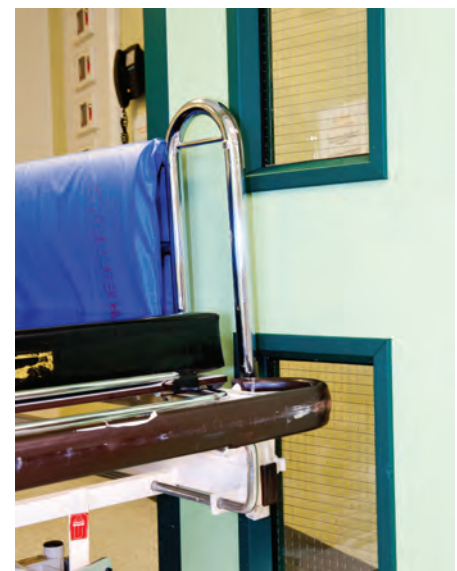
Fully insulating glass: Pyrostop, Pyrobel, Pyranova, etc.

Semi insulating glass: Pyroshield, Pyroguard 11mm, Fireswiss Foam 60/30.

N.B. Fitting this and other fire tested Yeoman Shield products to fire doors will improve the look and appearance, whilst maintaining the fire integrity, providing a more durable surface to prevent and reduce impact damage. It should be noted however that in no way does it return the doors to their original state.

Yeoman Shield PVCu Clad Glazing Bead can also be fitted to Non Fire Rated Doors as a protection product only, in conjunction with other door protection products, to replace any damaged/missing existing Hardwood timber Bolection beading, and prevent future problems.

In this particular instance fire glass and intumescent seals will not be required, and the size, shape, etc. of the beading **can be altered.**



ALL YEOMAN SHIELD FIRE RATED PRODUCTS HAVE BEEN TESTED TO THE CURRENT STANDARDS REQUIRED.

DOOR CLIPPING LATH



The Yeoman Shield Clapping Lath neatly attaches to the 'pull side' of a double door to close the smallest of gaps, acting as a privacy guard.

A lead lined version is available to be fitted to X-Ray and Laser Room doors, in conjunction with lead lined Door Edge Protectors (see pages 10 & 11), to provide both privacy and protection.



Composition

The Clapping Lath is manufactured using Vinylac*, the same material used to produce Yeoman Shield Wall & Door Protection Panels.

The inner core is made from a toughened PVCu material and comes complete with a lead strip where required.

*** Please see information on page 18.**



Dimensions

Clapping Laths can be made to required sizes, we recommend 15 x 65 x 2100mm high.

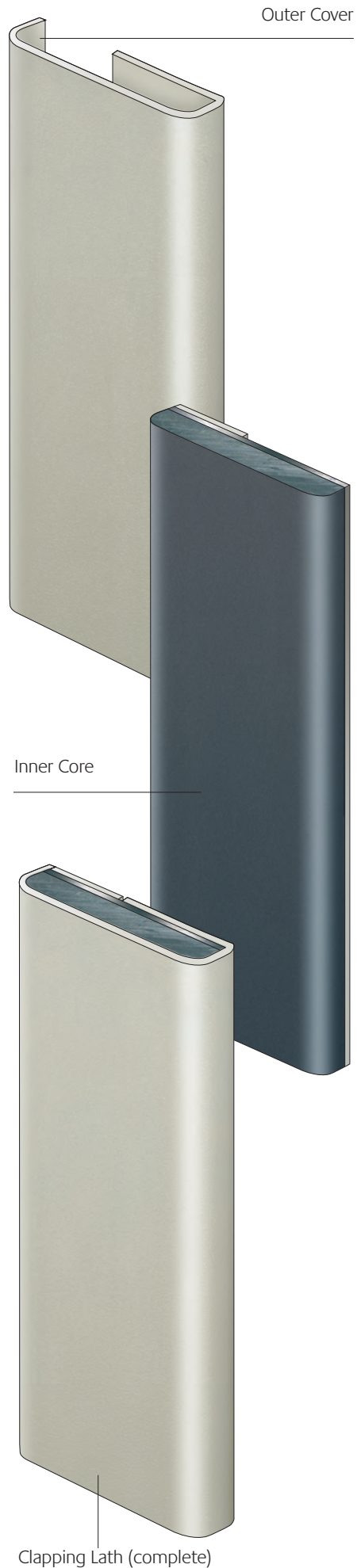
Standard thickness for the outer cover is 2.0mm, which is formed around an 11.0mm inner core.

Colours and Finishes

Please go to <http://www.yeomanshield.com/colours-finishes>, or request a PDF.

Special Information

Yeoman Shield Clapping Laths when supplied complete with lead strip option have code 7 grade lead lining as standard - However this should match the grade already used within the room. Please state grade of lead at the enquiry/order stage.



DOOR PROTECTION

ALL YEOMAN SHIELD FIRE RATED PRODUCTS HAVE BEEN TESTED TO THE CURRENT STANDARDS REQUIRED FOR OUR PRODUCT TYPE.

GENERAL INFORMATION

Yeoman Shield Fire Information

Please find details below with regard to the **Yeoman Shield Fire Tested** Wall & Door Protection materials, which have been tested to and passed the **current requirements** for our type of products:

Fire Test Information

PVCu Protection Products

Fire tested in accordance with and achieved the following:

Textured Finish

BS EN 13823:2010+A1:2014
BS EN ISO 11925-2:2010.
BS EN 13501-1:2007+A1:2009.

Smooth Finish

MSZ EN 13823:2011.
MSZ EN ISO 11925-2:2011.
MSZ EN 13501-1:2007+A1:2010.

Textured & Smooth Finish

BS 476: Part 7:1997 – The Surface Spread of Flame of Products – **Class 1Y (Class 1 is the best classification in this test).**
BS 476: Part 6:1989+A1:2009 – Fire Propagation for Products – **Class O** – As defined in the latest Building Regulations, Approved Document B (Fire Safety)

Door Edge Protectors

® (Patented Product)

Fire tested in accordance with and achieved the following:

BS 476: Part 22:1987 – For ½ hour or 1 hour fire integrity on full door assemblies.

BS 476: Part 31.1:1983 – To meet the requirements of BS 5588.

PVCu Clad Glazing Bead

Fire tested in accordance with and achieved the following:

BS EN 1634-1:2008 – For ½ hour and 1 hour fire doors.

BS 476: Part 22:1987 – For ½ hour or 1 hour fire integrity on full door assemblies.

All testing has been carried out at one of the Exova Warringtonfire Test Houses and the full fire test reports are available on request.

Yeoman Shield products are manufactured using Vinylac, a specially formulated PVCu material that is developed to be resistant to impact and abrasion, which is exclusive to Harrison Thompson & Co. Ltd.





FIRE SAFETY

THE ONUS IS ON YOU!





YEOMAN SHIELD

WALL & DOOR PROTECTION

making business a pleasure for over 50 years

Harrison Thompson & Co Ltd

Yeoman House, Whitehall Estate, Whitehall Road, Leeds, LS12 5JB

Tel: 0113 279 5854 Fax: 0113 231 0406

e-mail: frdp@yeomanshield.com website: www.yeomanshield.com

