



YEOMAN SHIELD

WALL & DOOR PROTECTION

making business a pleasure *for over 55 years*



Healthcare | Education | Leisure | Retail



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200, 125 & 75 PROTECTION RAIL



The original Protection Rail range from Yeoman Shield can provide a number of options which will ensure that damage to walls and corners can certainly be avoided.

With a choice of cores and PVCu, metal or rubber accessories the Protection Rail is ultimately suitable for all areas - no matter how persistent and hard the assailing objects are.

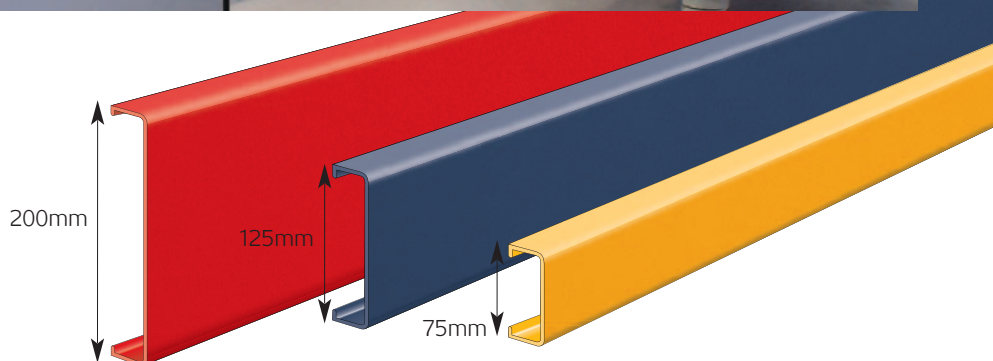


Composition

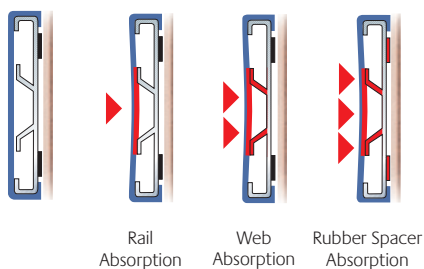
The extruded Protection Rail and accessories are manufactured using extruded PVCu. EPDM rubber accessories also available.

Fixing/Joining clips are fabricated. Stop ends and external corners are injection moulded. Internal corners are abutted.

The system is designed to absorb impact in three ways, as shown below.



Three way impact reaction



Flat Back Accessories



Fixing Clip



Joining Clip



Aluminium Core



Solid Core



Dimensions

Flat Back:

The Protection Rail is extruded in 3.5m lengths; has a projection of 30mm and is 200mm, 125mm or 75mm wide.

Stand Off:

A continuous Aluminium or solid core gives support to the Protection Rail, which is fixed to standard 60mm Cream PVCu injection moulded spacers to give an overall projection of 88mm to the face.

Colours and Finishes

Please see the relevant information as shown on pages 59 & 60.

Standard Accessories

Flat Back:

200mm accessories as shown below. The design of the fixing/jointing clip differs slightly on the 125 & 75mm rails.

A continuous Aluminium core (200 & 125mm) or solid cores (to suit all 3 sizes) shown below, are available as options to the fixing/jointing clips.

Stand Off:

200mm accessories are shown opposite.

N.B. The accessories are similar for the 125 & 75mm options with the spacers positioned horizontally on the 75mm rail.

Special Accessories

Flat Back:

Irregular external corners are manufactured to order.

A continuous solid core is recommended in areas where the rail may be subject to heavier impact; in extreme instances it may also be advisable to utilise the heavy duty rubber or steel stop ends and corners.

When spanning windows or radiators, a continuous Aluminium core should be used.

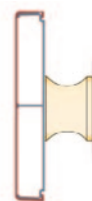
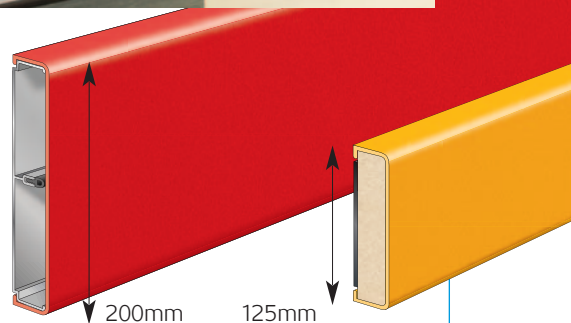
Stand Off:

Metal dumbbell spacers of differing projections are available, as well as heavy duty rubber or steel stop ends and corners, if required for areas of heavier traffic or to span across radiators, pipes, etc.

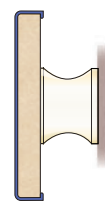
Special Information

Signage can be incorporated within either flat back or stand off rails.

Stand Off Accessories

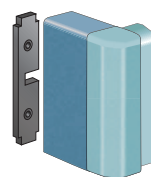


Aluminium Core*

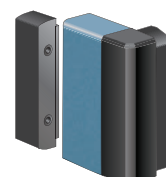


Solid Core*

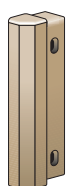
*Shown on standard 60mm spacers
90mm spacers available



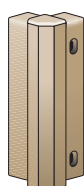
PVCu Wall Return



Rubber
Wall Return



PVCu Stop End



PVCu External
Corner



ULTRA 60 RAIL



With a useful 60mm projection the Ultra 60 Rail from Yeoman Shield takes the full force of impact via its 3 way impact reaction before an offending object can even get close to the wall.

With its accentuated angled shape the Ultra 60 is a great option for a low level wall guard.



Composition

The extruded Ultra 60 rail and accessories are manufactured using extruded PVCu. The fixing/jointing clips are fabricated and stop ends and external corners are injection moulded. Internal corners comprise two stop ends.

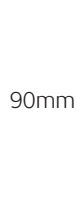
The system is designed to absorb impact in three ways, as shown below.

Dimensions

The Ultra 60 Rail is extruded in lengths of 2.5m, has a 60mm projection and is 90mm deep.

Colours and Finishes

Please see the relevant information as shown on pages 59 & 60.



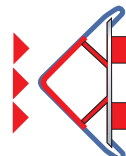
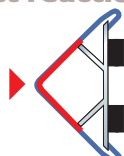
Standard Accessories

As shown below. Vinylac and continuous solid cores are available (see illustrations).

Special Accessories

A continuous solid core is recommended in areas where the rail may be subject to heavier impact, or when spanning windows and radiators. This system can also be fitted on standard 60mm Cream PVCu injection moulded spacers or dumbbell spacers of differing projections.

Three way impact reaction

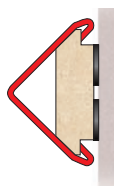


Rail Absorption

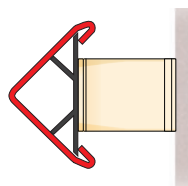
Web Absorption

Rubber Spacer Absorption

Standard Accessories - PVCu



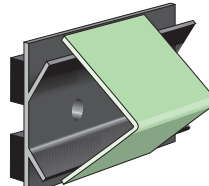
Solid Core



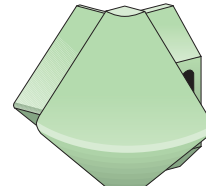
Vinylac Core



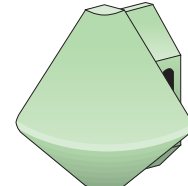
Fixing Clip



Jointing Clip



External Corner



Stop End



The Rub Rail from Yeoman Shield is small on size but big on protection.

A light weight protection rail which can easily be installed on doors and walls, benefitting from a strengthening continuous PVCu backing track with hard wearing rubber accessories.

Excellent for warehouse or back of house applications, the Rub Rail is available in the full colour range from Yeoman Shield.

Composition

The extruded Rub Rail is manufactured using extruded PVCu. The rail comes complete with a continuous PVCu backing track. Accessories are EPDM rubber.

Dimensions

The Rub Rail is manufactured in 3.5m lengths, is 65mm deep and has a projection of 32mm.

Colours and Finishes

Please see the relevant information as shown on pages 59 & 60.

Standard Accessories†

As shown below.



Special Accessories

A solid or Aluminium Core can be supplied for use on walls or doors. Rub Rail can also be utilised as Bed Head Protection, either in vertical pairs or single horizontal. Please contact the Sales Offices for more details.

Accessories



GUARDIAN HANDRAIL



Yeoman Shield's ergonomically contoured Guardian Handrail neatly combines a rounded grip top on a substantial 125mm deep protection rail offering the dual quality of support and protection.

A specially adapted Anti-Ligature version of the Guardian Handrail is now available suitable for use in Mental Healthcare environments. Contrasting accessories, signage as well as coloured inserts can also lend themselves to a dementia care setting.



Composition

The extruded rail and accessories are manufactured using extruded PVCu Wall return ends, internal and external corners are injection moulded.

The rail takes its strength from a preformed continuous Aluminium or solid core, fitted to standard 60mm Cream PVCu injection moulded spacers. The Anti-Ligature version has a continuous 60mm spacer.





Dimensions

The rail is extruded in lengths of 3.5m, has a projection of 80mm when fitted on standard 60mm Cream PVCu injection moulded spacers and is 125mm deep.

The Guardian Handrail 40mm diameter grip top does not contravene the DDA Regulations, please see further details on page 60 & 61.

125mm

125mm

HANDRAILS

Colours and Finishes

Please see the relevant information as shown on pages 59 & 60. - Along with DDA guidance.

Standard Accessories

As shown below.

Special Accessories

Irregular external corners are manufactured to order.

Continuous fixing bracket with PVCu cover for Anti-Ligature system.

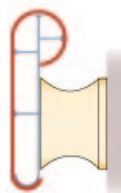
Special Information

An Anti-Ligature system is available. The system can also be supplied in a two tone rail with a 20mm or 75mm contrasting coloured insert. Metal dumbbell spacers of differing projections are available.

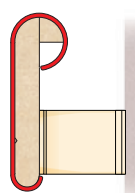
Signage can also be incorporated into the rail.



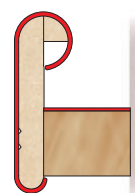
Standard Accessories - PVCu



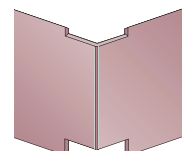
Aluminium Core



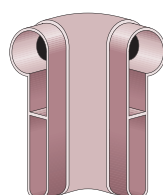
Solid Core



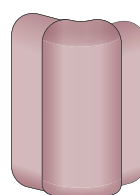
Anti Ligature



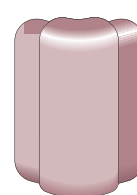
Back Plate



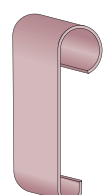
Internal Corner



Wall Return End



External Corner



Cover Plate

GUARDIAN 50mm DIA HAND RAIL

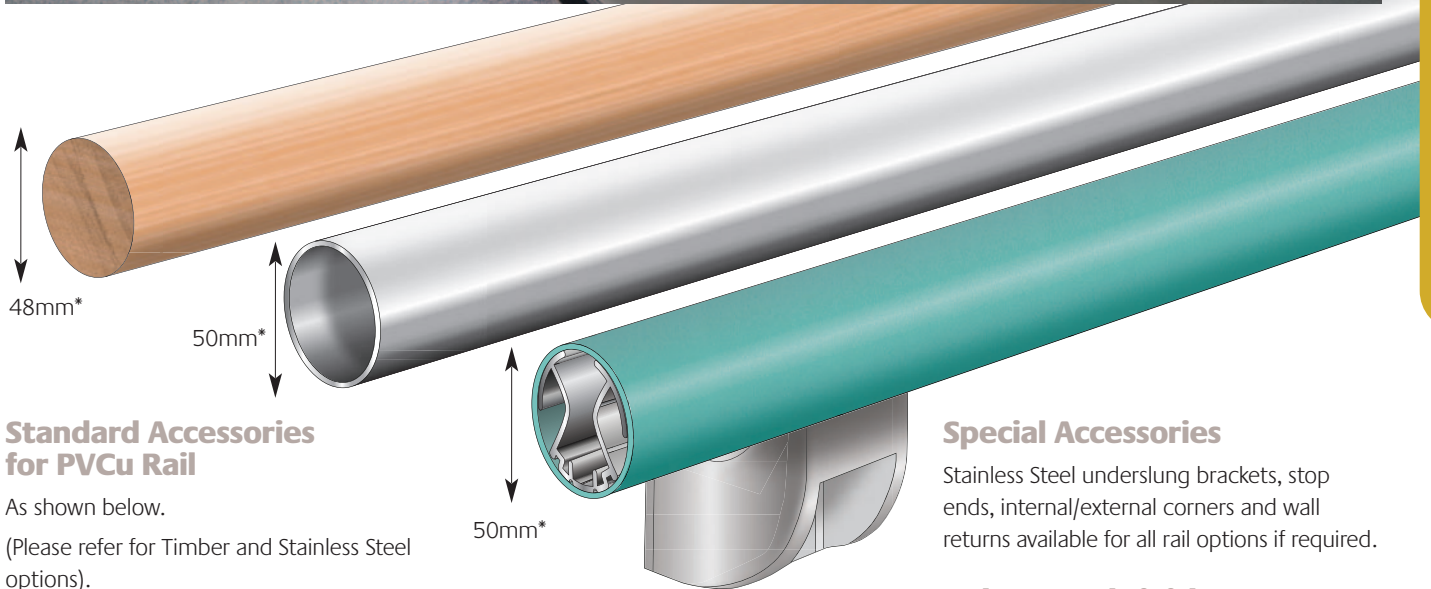


Designed for practical assistance along passage ways and corridors, the Guardian Circular Handrail comes in a choice of attractive colours and finishes which will complement interior style.



Options:- **GHR50P** – 50mm Dia. PVCu handrail | **GHR50T** – 48mm Dia. Timber Handrail | **GHR50S** – 50mm Dia. Stainless Steel Handrail

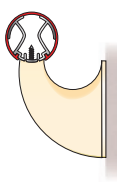
Rail Type	Composition	Accessories	Composition
GHR50P – PVCu	Extruded PVCu sleeve mounted on continuous Aluminium Core both 50mm dia. supplied in 3.0m lengths.	Cream or Dusty Grey 85mm Standard underslung brackets, external/internal corners and wall returns.	Injection moulded PVCu.
GHR50T – Timber	Solid FSC sourced Timber, 48mm* dia. and supplied in 2.4m lengths.	Cream or Dusty Grey 85mm Standard underslung brackets. Stop ends external/internal corners and wall returns.	Injection moulded PVCu. (Stainless Steel available as extra). Type 316 Stainless Steel.
GHR50S – Stainless Steel	Type 316 Stainless Steel Tube, 50mm* dia. and supplied in 3.0m lengths.	Cream or Dusty Grey 85mm Standard underslung brackets. Stop ends external/internal corners and wall returns.	Injection moulded PVCu. (Stainless Steel available as extra). Type 316 Stainless Steel.



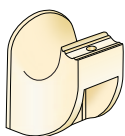
*All Handrails are a nominal diameter and have an overall projection of 98mm.



Standard Accessories - PVCu



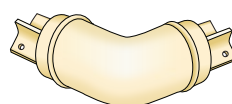
Aluminium Core



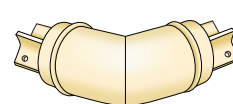
PVCu Underslung Bracket



Wall Return



External/Internal Corner



Irregular
External/Internal Corner



Stop End

GUARDIAN TWIN HANDRAIL



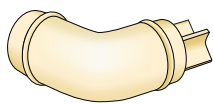
This strong hand/protection rail comes with two benefits rolled into one practical system. An upper most handrail and a sturdy protection rail below.

Standing slightly forward the protection rail shields both the handrail and fabric of the wall from everyday wear and tear damage.

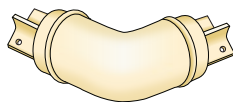


Options:- GTR50P (PVCu) 125PR/200PR | GTR50T – (Timber) 125PR/200PR | GTR50S – (Stainless Steel) 125PR/200PR

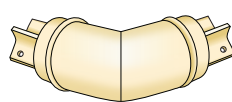
Accessories - PVCu



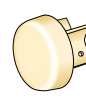
Wall Return



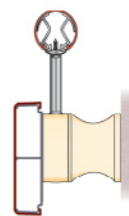
External/Internal Corner



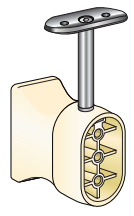
Irregular
External/Internal Corner



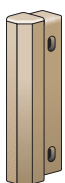
Stop End



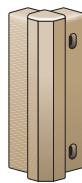
Aluminium Core



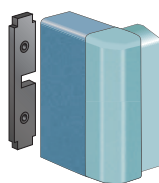
Two Part Spacer with
Stainless Steel Connector



PVCu Stop End



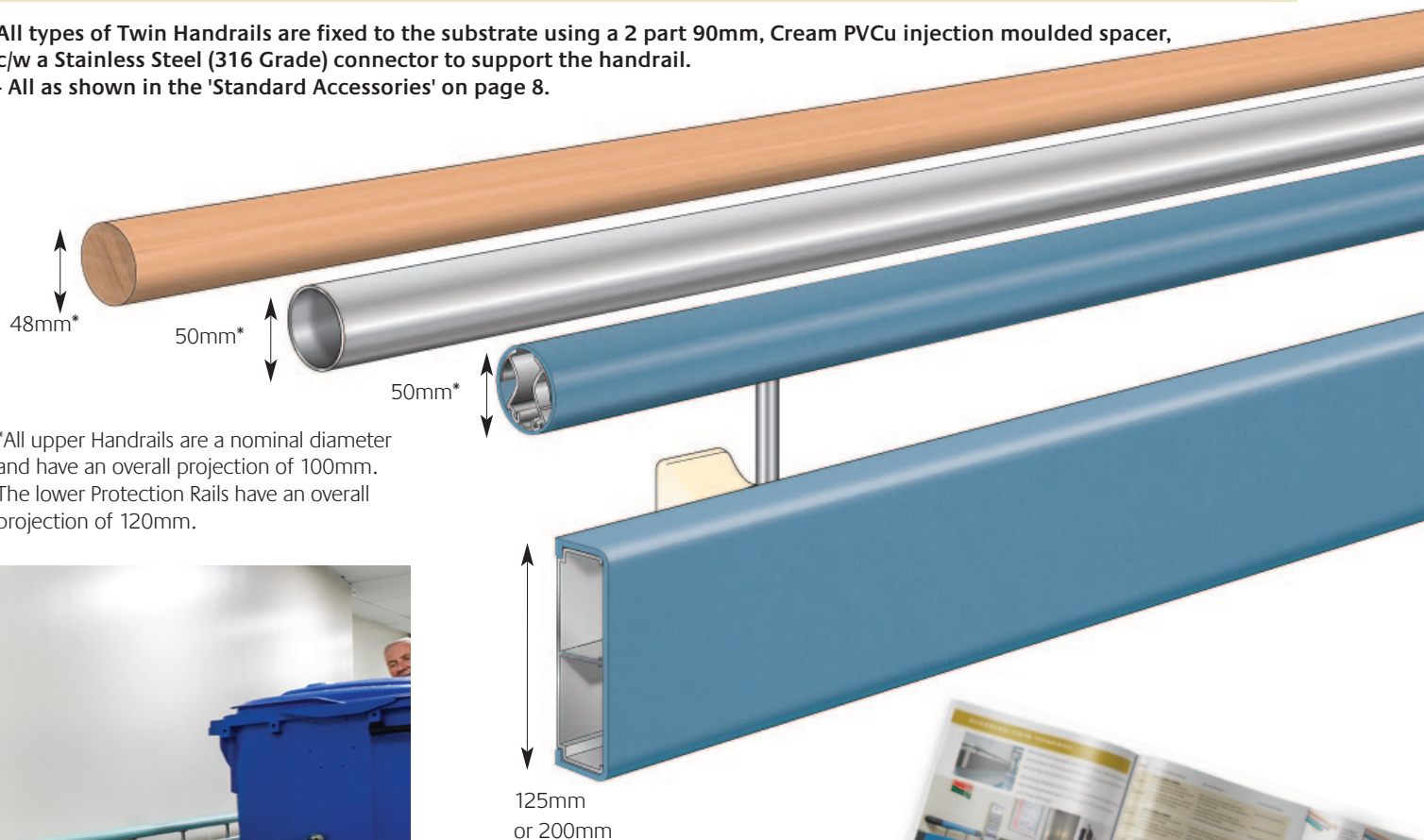
PVCu External
Corner



PVCu Wall Return

Rail Type	Product Information	Accessories	Composition
PVCu Upper Handrail	GTR50P/125PR or 200PR Extruded PVCu sleeve mounted on continuous Aluminium core, both 50mm* dia. and supplied in 3.0m lengths.	PVCu injection moulded stop ends, external/internal corners and wall returns for the Handrail.	Injection moulded PVCu.
PVCu Lower Protection Rail	Extruded PVCu cover 125mm or 200mm mounted on continuous Aluminium core and supplied in 3.5m lengths.	PVCu injection moulded stop ends, external/internal corners and wall returns for the Protection Rail. New Rubber accessories available.	Injection moulded PVCu. Extruded EPDM Rubber.
Timber Upper Handrail	GTR50T/125PR or 200PR Solid FSC sourced, 48mm* dia. Timber supplied in 2.4m lengths.	Stainless Steel stop ends, external/internal corners and wall returns for the Handrail.	Stainless Steel (316 Grade)
PVCu Lower Protection Rail	Extruded PVCu cover 125mm or 200mm mounted on continuous Aluminium core and supplied in 3.5m lengths.	PVCu injection moulded stop ends, external/internal corners and wall returns for the Protection Rail. New Rubber accessories available.	Injection moulded PVCu. Extruded EPDM Rubber.
Stainless Steel Upper Handrail	GTR50S/125PR or 200PR 50mm* dia. Stainless Steel supplied in 3.0m lengths.	Stainless Steel stop ends, external/internal corners and wall returns for the Handrail.	Stainless Steel (316 Grade)
PVCu Lower Protection Rail	Extruded PVCu cover 125mm or 200mm mounted on continuous Aluminium core and supplied in 3.5m lengths.	PVCu injection moulded stop ends, external/internal corners and wall returns for the Protection Rail. New Rubber accessories available.	Injection moulded PVCu. Extruded EPDM Rubber.

All types of Twin Handrails are fixed to the substrate using a 2 part 90mm, Cream PVCu injection moulded spacer, c/w a Stainless Steel (316 Grade) connector to support the handrail.
- All as shown in the 'Standard Accessories' on page 8.



*All upper Handrails are a nominal diameter and have an overall projection of 100mm. The lower Protection Rails have an overall projection of 120mm.

Special Accessories

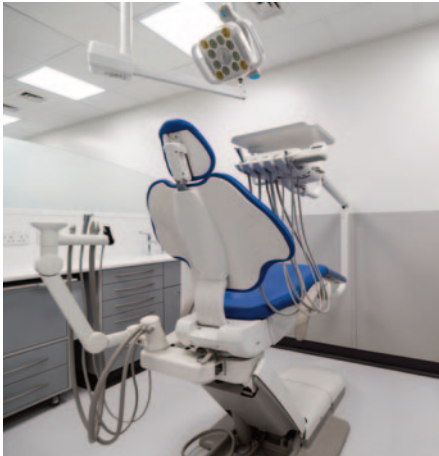
Stainless Steel or Rubber stop ends, internal/external corners and wall returns are available for the lower rail if required.

Colours and Finishes

For available colours and DDA guidance please see the flap on the inside back cover.



WALL PROTECTION PANELS



Wall Protection Panels from Yeoman Shield come in a range of colours, with either a HessianEx or FalmouthEX finish that dovetail nicely into existing décor or enhance new schemes; protecting walls whilst bringing them to life.

Usually fitted from skirting to a mid height level the wall panels can also be formed to accommodate curves and radii, making them a great alternative for column protection.





Composition

Yeoman Shield Wall Protection Panels are manufactured in sheet form using extruded PVCu with a matching joint cover trim and fixed by means of Yeoman Shield mastic adhesive.

Dimensions

Standard panels are 2500 x 1250mm and held in stock 2.0mm thick and joint cover trims are 30mm wide. Corner Protection Angles are 75 x 75mm.

Colours and Finishes

Please see the relevant information as shown on pages 59 & 60.

Standard Accessories

Yeoman 2000 Polymer Adhesive.
30mm joint cover trims.
75 x 75mm Corner Protection Angles.

Special Information

All panels and cover strips are supplied with chamfered edges to ensure a smooth, safe edge is attained once fitted and to avoid any ledges.

Panels can be cut to customers required sizes in our work shop.

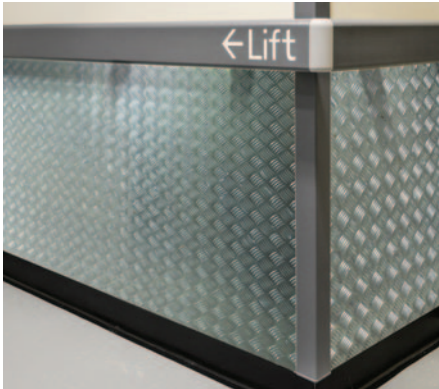
Cutting panels to size often leaves us with stock residue material. It may be possible to meet your requirements for Wall Panels from such residue at a reduced cost.

Circular column protection can also be formed from Yeoman Shield Wall Protection Panels as shown on pages 27 & 28.

For more information on Imagery and digital print (patterned wall panels) go to pages 19 & 20.



CHEQUER PLATE WALL PANELS



For a striking yet durable protective finish to walls choose Yeoman Shield Chequer Plate Wall Panels.

With a “tread plate” pattern the Aluminium sheet is perfect for manufacturing and back of house service areas which experience wear and tear from the movement of people and equipment, or indeed where an industrial design element is sought.



Composition

Yeoman Shield Chequer Plate is manufactured from Aluminium material.

Dimensions

Standard Panel Size is 2440 x 1220mm and 2.0mm thick.

Corner Protection Angles are 75 x 75mm

Colours and Finishes

Supplied in one colour/finish as shown.

Standard Accessories

Yeoman Shield 2000 Polymer Adhesive.
75 x 75mm Corner Protection Angles.



SMOOTH WALL PANELS



Yeoman Shield’s Smooth Wall Panel products are a perfect addition to the wall protection range offering a clean and hygienic covering for walls.

Suitable also as a protection system for interiors that experience only medium to light impact damage, these panels are well suited to washroom, kitchen, restrooms and cafeteria environments.

Available in Subtle Satin, Bold Satin or Bold Gloss colours, the inclusion of Smooth Wall Panels can add flare to any interior design.



Composition

Yeoman Shield Smooth Wall Panels are manufactured PVCu sheets fixed by means of Yeoman Shield mastic adhesive.

Dimensions

Standard panels are 2440 x 1220mm or 3050 x 1220mm and 2.5mm thick. White panels as standard are 2.0mm thick, if 2.5mm is preferred these are available to order and subject to lead time.

Colours and Finishes

Please see opposite.

Standard Accessories

- Yeoman 2000 Polymer Adhesive.
- 2 Part Joint Trim
- External/Internal Angle Trim

Special Information

Panels can be cut to customers required sizes in our workshop.
N.B. Prices will vary depending on material, finish and colour.
Please contact the sales office or refer to the latest price list.



COLOUR RANGES

White Satin

White
LVR 92

Colours shown are for illustrative purposes only, if you would like a colour sample please call 0113 279 5854.
LVR = Light reflective value.

Subtle Satin

Sky Blue
LVR 64

Mint Green
LVR 81

Light Grey
LVR 66

Mid Grey
LVR 32

China
LVR 71

Ivory
LVR 74

Coffee
LVR 41

Bold Satin

Lime
LVR 68

Tangerine
LVR 19

Olive
LVR 45

Chill Red
LVR 6

Dark Grey
LVR 13

Hot Pink
LVR 11

Sea Blue
LVR 17

Plum
LVR 6

Aqua Blue
LVR 17

Heritage Green
LVR 42

Ocean
LVR 42

Black
LVR 5

Bold Gloss

Banana
LVR 59

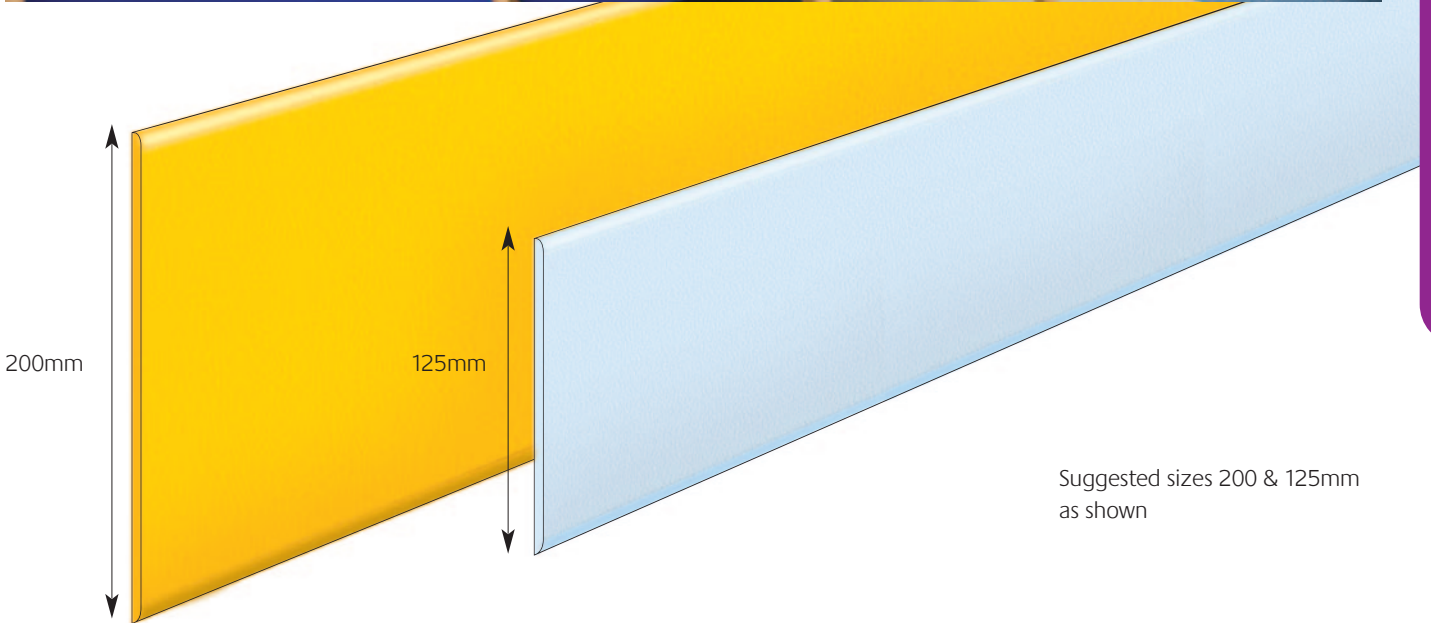
Black Gloss
LVR 2

PROTECTION STRIP



For an attractive, easy and cost-effective way of shielding walls at a height to prevent marking and scratching mainly from chairs and people in areas such as waiting and meeting rooms; Yeoman Shield Protection Strip will prove to be a perfect option.





WALL PROTECTION

Suggested sizes 200 & 125mm as shown

Composition

The extrude protection strip is manufactured from Yeoman Shield FalmouthEx material with chamfered edges provided to the top and bottom edges of the strip.

Dimensions

At 2.5 m long and 2.0 mm thick, the strip can be supplied in standard widths of 200, 125 or 75 mm, though various widths can be accommodated.

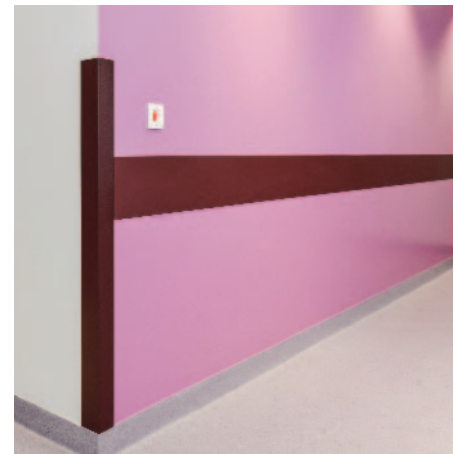
It can be supplied in full lengths or cut to requirements and can be purchased complete with double sided tape for quick and easy installation.

Colours and Finishes

Please see the relevant information as shown on pages 59 & 60

Special Information

A digital print option (see pages 19 & 20) is available for lengths under 2.0 m.



IMAGERY & DIGITAL PRINT PANELS



Yeoman Shield likes to showcase creative flair with their Imagery and digitally printed wall protection panels.

Offering a choice of colours, images, lettering and shapes cut into the sheet with our CNC machinery the Imagery range is a vibrant and interesting way of protecting walls and doors from impact damage.

The option of digital print onto a protection panel is also available allowing photographs and designs to be copied onto the panel surface.





Composition

Yeoman Shield Imagery is manufactured from extruded PVCu wall panel material on our CNC machinery. Yeoman Shield Digital Print panels are also Vinylac. Available with joint cover trims and fixing by means of Yeoman Shield mastic adhesive.

Dimensions

As bespoke products, panels are workshop cut to suit customer requirements.

Material is 2.0mm thick as standard and joint cover trims are 30mm wide.

Colours and Finishes

Please see the relevant information for panel colours as shown on pages 59 & 60. Please refer to the Sales Office for digital print options.

Standard Accessories

Yeoman 2000 Polymer Adhesive.
30mm joint cover trims.
75 x 75mm Corner Protection Angles.

Special Information

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

Cutting panels to size often leaves us with stock residue material. It may be possible to meet your requirements for Wall Panels from such residue at a reduced cost.

N.B. Please ensure that any photography for digital print can be supplied at a minimum of 150dpi to ensure a quality reproduction.



CORNER PROTECTION ANGLES & TRIMS



Straight forward yet effective, these attractive Corner Protection Angles and Trims are the right choice for preserving wall corners from harm which can be caused by the everyday traffic of equipment, trolleys and people. They are available in different sizes and angles to cover most corner configurations.



Composition

Standard Corner Angles & Trims are an extruded PVCu material.

Dimensions

Standard Angles supplied with a stippled finish are 3 mm thick and extruded in lengths of 2.5 m in both 90° & 135° and are available in the following sizes:

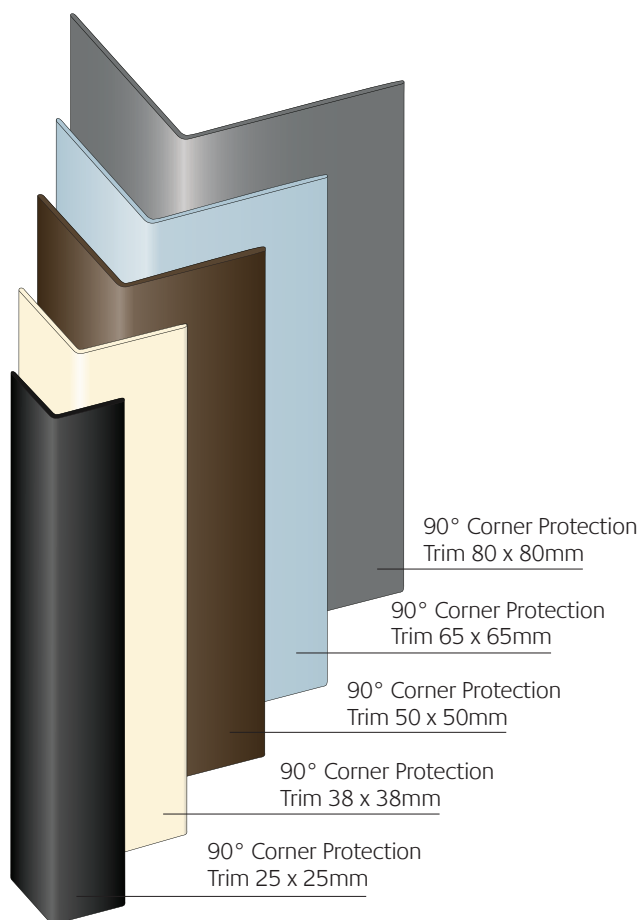
75 x 75 mm, 50 x 50 mm and 38 x 38 mm.

Standard Trims supplied with a smooth finish are 2 mm thick and extruded in lengths of 3.5 m in 90° and are available in the following sizes:

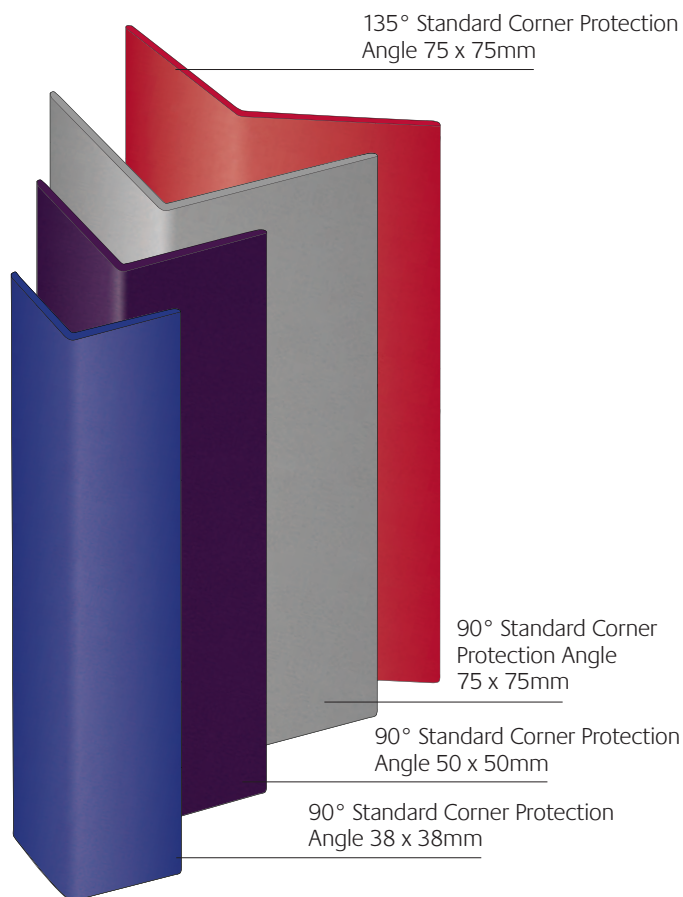
65 x 65 mm, 50 x 50 mm, 38 x 38 mm and 25 x 25 mm.

Please note colours are limited for Standard Trims with an 80 x 80 mm option being available but only in White and Graphite.





Trims supplied in 3.5m lengths



Standard Corner Angels supplied in 2.5m lengths & 1.25m lengths
Available in cost saving packs of 12no x 1.25m

Colours and Finishes

Please see the relevant information as shown on pages 59 & 60.

Special Information

Corner Protection Angles & Trims can be supplied with any leg length below 75 x 75 mm and are manufactured on request – please speak to our sales office for further information.

Protection angles, for convenience can be provided pre-taped.

Cost Saving Packs

Standard Corner Protection Angles are available in cost saving packs of 12no. 75 x 75 x 1250 mm either taped or un-taped.

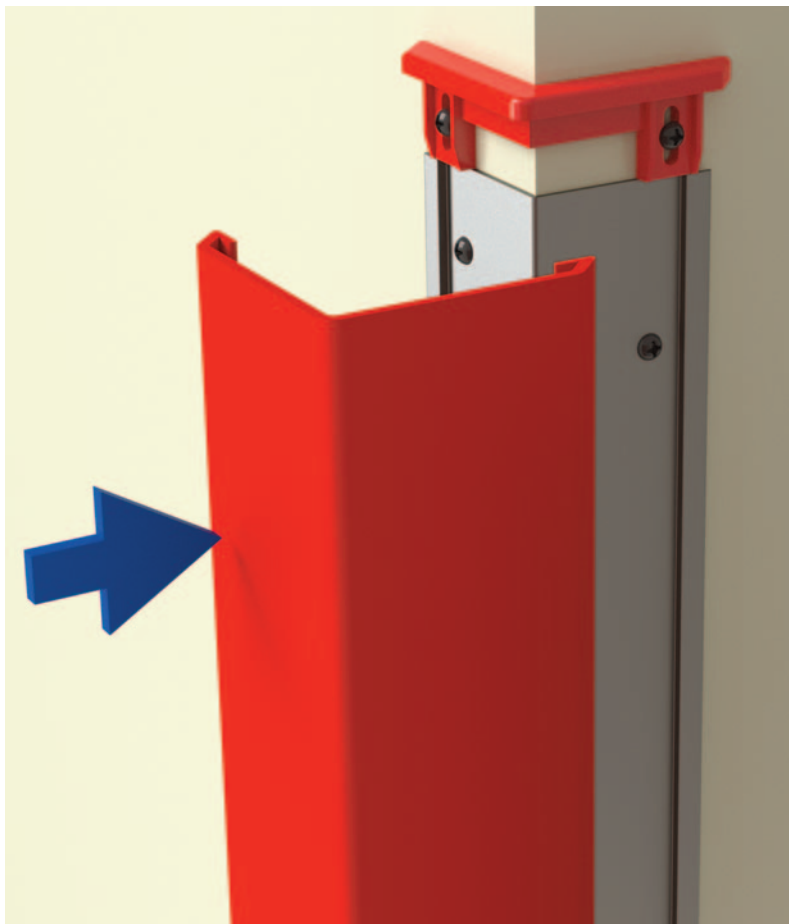


ULTRA CORNER PROTECTION ANGLES

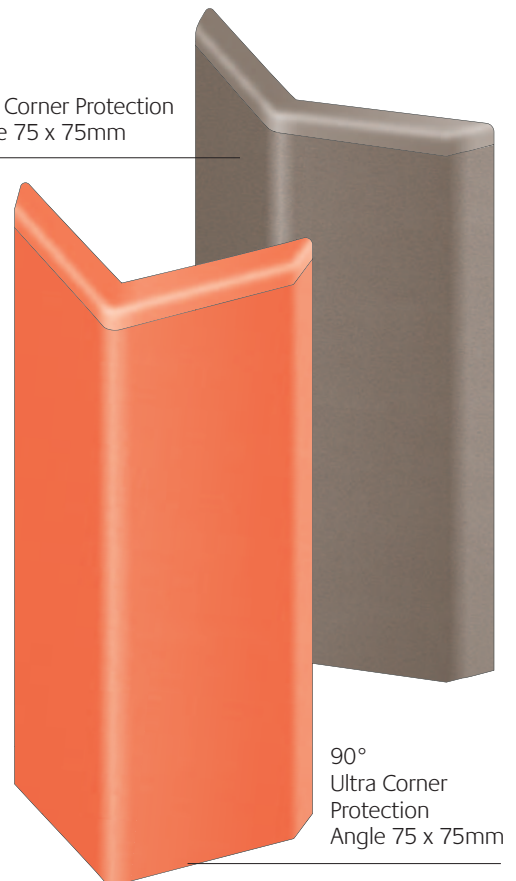


With extra strength gained from an inner Aluminum core screwed to the wall and stylishly finished with a PVCu clip over cover, Yeoman Shield's Ultra Corner Protection Angles are a valuable defence for vulnerable corners.





135°
Ultra Corner Protection
Angle 75 x 75mm



90°
Ultra Corner
Protection
Angle 75 x 75mm



Composition

Ultra Corner Protection Angles comprise of an extruded PVCu cover and continuous Aluminium retainer, with integral rubber spacers and PVCu injection moulded stop ends.

Dimensions

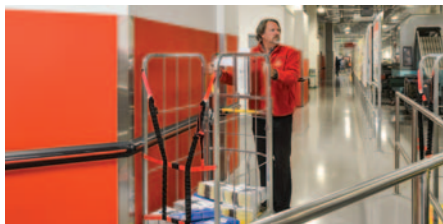
The angles are extruded in lengths of 2.5m, in both 90° and 135°, with 75 x 75mm legs.

N.B. They are normally supplied in packs of 12no. 1.25m units c/w 2no. stop ends.

Colours and Finishes

Please see the relevant information as shown on pages 59 & 60.

RUBBER & METAL CORNER PROTECTION ANGLES



Yeoman Shield heavy duty protection angles in either Rubber (HD100 & MD75), Stainless Steel or Chequer Plate offer optimum protection to areas which are exposed to being hit by heavyweight vehicular traffic.



Composition

The HD100 & MD75 angles are extruded EPDM Rubber.

Stainless Steel Angles are manufactured from Type 304 material.

Chequer Plate Angles are formed from Aluminium sheet material.

Dimensions

HD100 & MD75 rubber corner protection angles are extruded in 2.5m lengths and can be supplied cut to requirement.

Sizes are:

HD100: 100 x 100mm

MD75: 75 x 75mm

Stainless Steel corner protection angles are manufactured to required length and are supplied in the following sizes as standard:-
75 x 75mm
65 x 65mm
50 x 50mm

Chequer Plate corner protection angles are manufactured in 2.4m lengths and are supplied in the following sizes as standard:-
75 x 75mm
50 x 50mm

Other sizes can be manufactured to suit requirements.

Colours and Finishes

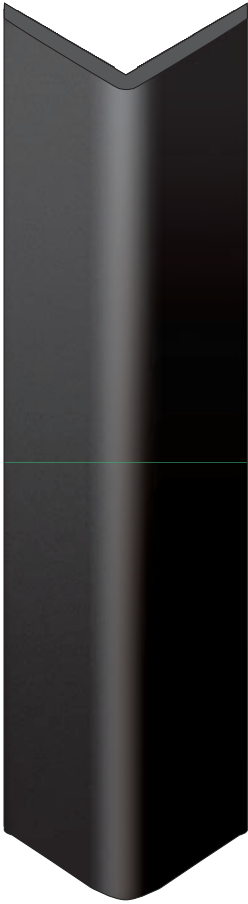
Please see the relevant information for heavy duty products as shown on pages 62 & 63.

Special Information

HD100 & MD75 corner protection angles can have a PVCu colour contrasting strip applied to the surface of the angle if required - Contact the Sales Office for options.

Stainless Steel and Chequer Plate corner protection angles can be provided pre-drilled for mechanical fixing or undrilled for fixing with Yeoman Shield mastic adhesive.

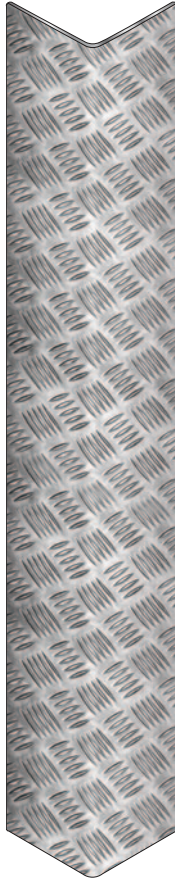
HD 100



MD 75



Chequer Plate



Stainless Steel



Patress supplied as
bespoke option and not
as standard - request
further information.



COLUMN PROTECTION



When something crops up which is not necessarily the norm, Yeoman Shield pride themselves in being able to provide a solution to protect.

Columns can be in the front line when it comes to impact damage and can be continually in need of refurbishment.

Over the years Yeoman Shield have developed a range of systems which efficiently offer protection to columns.



Protection Panels & Protection Strip are a versatile product that can be, dependent on angles and radius, bent around or heat formed if necessary to the required profile, to fit snugly around a circular column.

For square columns which have vulnerable corners and fronts to guard, a combination of Corner Protection Angles, Protection Panels or Protection Rail can be used to great effect.

When columns are persistently being hit at a specific point; Protection Strip is suitable with a choice of widths and the capability of being fixed at any height around the column.

For damage which is caused by items such as motorised carts, forklifts and heavily laden trolleys, then heavy duty protection systems are called for.

These come in the form of rubber fenders and Stainless Steel Protection Angles or Footrails and are great for warehouse or factory applications. The rubber systems are also suitable for use outside, making them an ideal option for car parks and stadium facilities.

For assistance on specialised column protection call the Sales Office on 0113 279 5854.



A world of colourful protection





125mm BED HEAD PROTECTORS



The stalwart 125mm Bed Head Protectors are perfect for installing in environments such as hospitals, clinics and care homes; to protect medical services and walls from everyday wear and tear. For even greater resilience rubber stop ends are also available.



Composition

The 125mm Bed Head Protectors are manufactured from extruded PVCu supported on a solid core with injection moulded accessories.

Dimensions

125mm deep, the Bed Head Protectors are available in 1200mm and 900mm lengths**. When fitted on standard 60mm Cream PVCu injection moulded spacers they have a projection of 88mm.

**Standard lengths stated, other lengths are available.

Colours and Finishes

Please see relevant information shown on pages 59 & 60.

Standard Accessories †

As shown opposite.

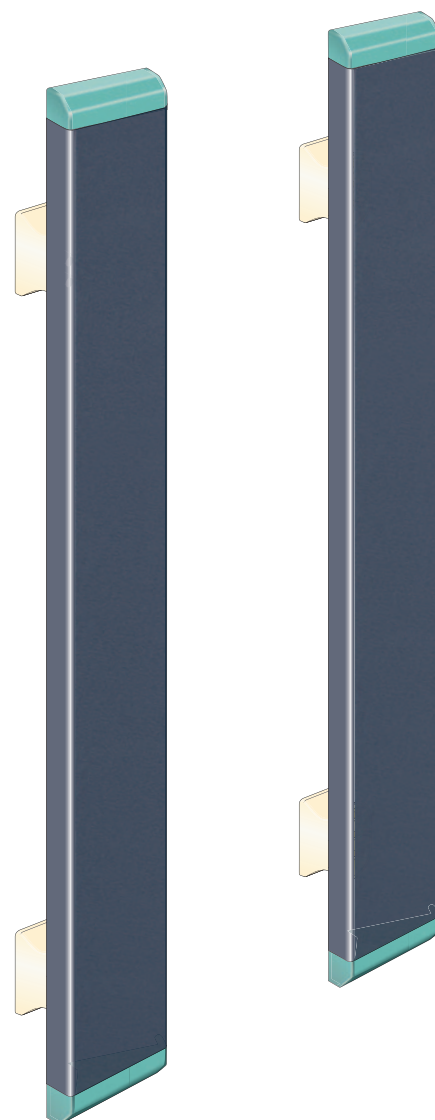
Special Accessories

Metal dumbbell spacers and heavy duty rubber stop ends are available if required.

Special Information

A 200mm deep version of the Bed Head Protector can be supplied.

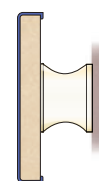
We would not recommend installing a horizontal Bed Head Protector if adjustable motorised beds are in use. In such circumstances we always advise fitting vertical pairs.



Standard Accessories



Flat Back †
Option



Stand Off †
Option



Stop End †

GUARDIAN BED HEAD PROTECTORS



Yeoman Shield Guardian Bed Head Protectors with stylish curved contours are a durable and versatile solution to stopping damage to bed bay walls .



WALL PROTECTION

Composition

The Guardian Bed Head Protectors are manufactured from extruded PVCu supported on a solid core with injection moulded accessories.

Dimensions

Guardian Bed Head Protectors are available in 1200mm & 900mm lengths**.

When fitted on standard 60mm Cream PVCu injection moulded spacers they have a projection of 80mm and are 125mm deep.

**Standard shown, other lengths are available.

Colours and Finishes

Please see relevant information shown on pages 59 & 60.

Standard Accessories

As shown below.

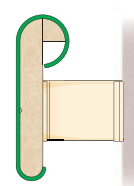
Special Accessories

Metal dumbbell spacers and injection moulded PVCu Locating Ends.

Special Information

We would not recommend installing a horizontal Bed Head Protector if adjustable mortorised beds are in use. In such circumstances we always advise fitting vertical pairs.

Standard Accessories



Solid Core

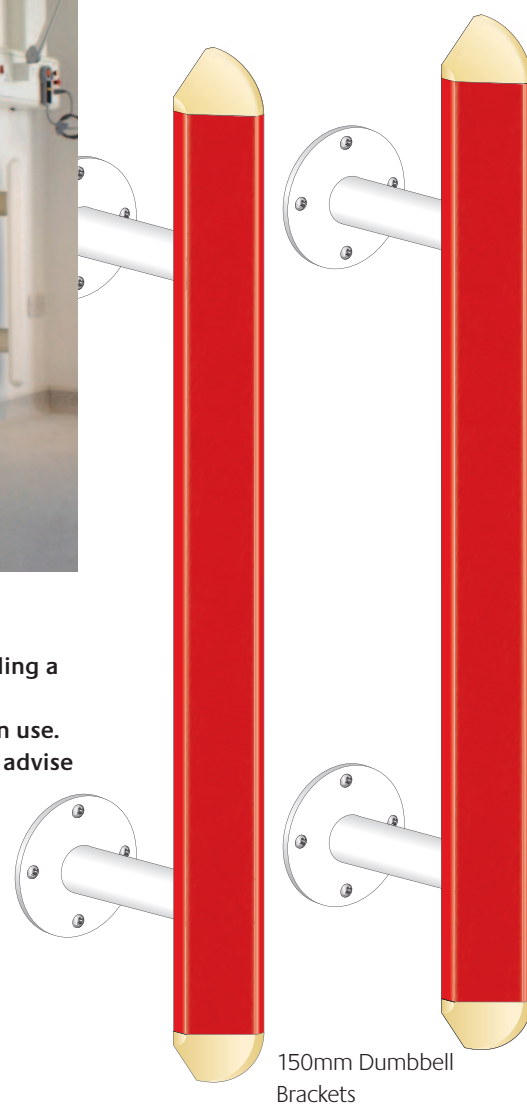


Wall Return End

ULTRA 60 BED HEAD PROTECTORS



Yeoman Shield Ultra 60 Bed Head Protectors are excellent for guarding walls at bed heads from the bumps and scrapes that can be made with the frame work and wheels of beds, trolleys and drip stands. The Ultra 60 Rail can be fitted horizontally, but more usually vertically in pairs.



150mm Dumbbell Brackets

Composition

The Ultra 60 Bed Head Protectors are manufactured from extruded Vinylac*. A solid or extruded PVCu core option is also available. Accessories are injection moulded.

Special Information

We would not recommend installing a horizontal Bed Head Protector if adjustable mortorised beds are in use. In such circumstances we always advise fitting vertical pairs.

Dimensions

Supplied in 1200mm and 900mm lengths**. When fitted flat back to wall the Ultra 60 Bed Head Protectors have a 60mm projection and 110mm projection when fitted on standard 60mm Cream PVCu injection moulded spacers. The protectors are 90mm deep.

** Standard shown, other lengths are available.

Colours and Finishes

Please see relevant information shown on pages 59 & 60.

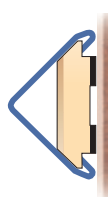
Standard Accessories

As shown opposite.

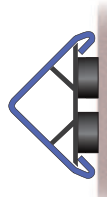
Special Accessories

Metal dumbbell spacers.

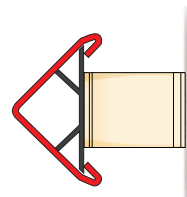
Standard Accessories - PVCu



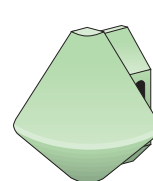
Solid Core



Vinylac Core



Stand Off Version
(Vinylac Core)



Stop End

SKIRTING



When using Yeoman Shield's skirting products; repair, replacement and repainting of skirting will become a thing of the past.

The extruded PVCu skirting option complete with a solid core is a cost-effective alternative to traditional timber skirting for new build or renovation projects.

A "flat-back" option without a core is also available for quick and easy installation with mastic adhesive to protect the bottom of walls.



WALL PROTECTION

Composition

Skirting is manufactured from Yeoman Shield Smooth PVCu material with post-formed corners.

Internal corners are mitred.

The core option is solid timber.

Dimensions

Both types of skirtings are 110 mm deep with a projection of 10 mm for the flat version and 15 mm projection for the solid core skirting option.

Supplied in 3.5 m lengths.

Colours and Finishes

Smooth finish in Black, White or Graphite.

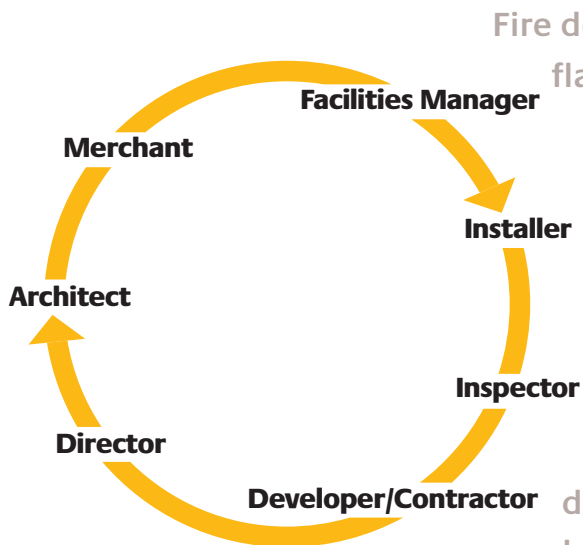


110mm Deep Skirting



110mm Deep Skirting
Solid Core Option

YEOMAN SHIELD FIRE RATED DOOR PROTECTION



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.



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 (Pages 40 & 41) 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



PRODUCTS CAN HELP WITH FIRE DOOR SAFETY



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 (pages 44 & 45) 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 (pages 38 & 39) 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.



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.**

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

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 extruded PVCu, with the fixing option of double sided tape.

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.

Colours and Finishes

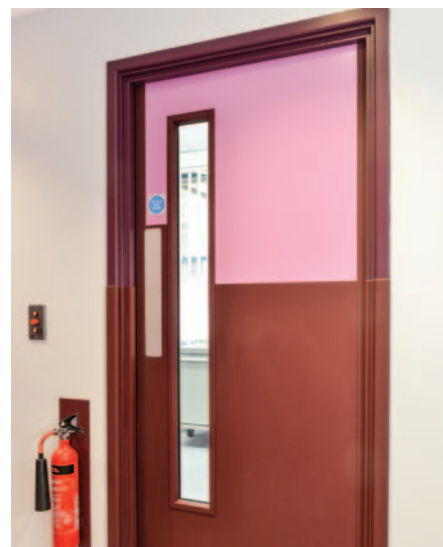
Please see the relevant information as shown on pages 59 & 60.

Special Information

Panels can be cut and shaped in many different ways to meet individual requirements and offer greater design capabilities (see pages 19 & 20).

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 pages 57 & 58.



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 extruded PVCu, the same material used to produce Yeoman Shield Wall & Door Protection Panels. (See pages 13 - 14 & 37 - 38).

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

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.

Colours and Finishes

Please see the relevant information as shown on pages 59 & 60.

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

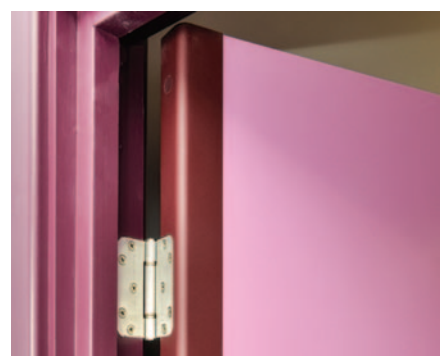
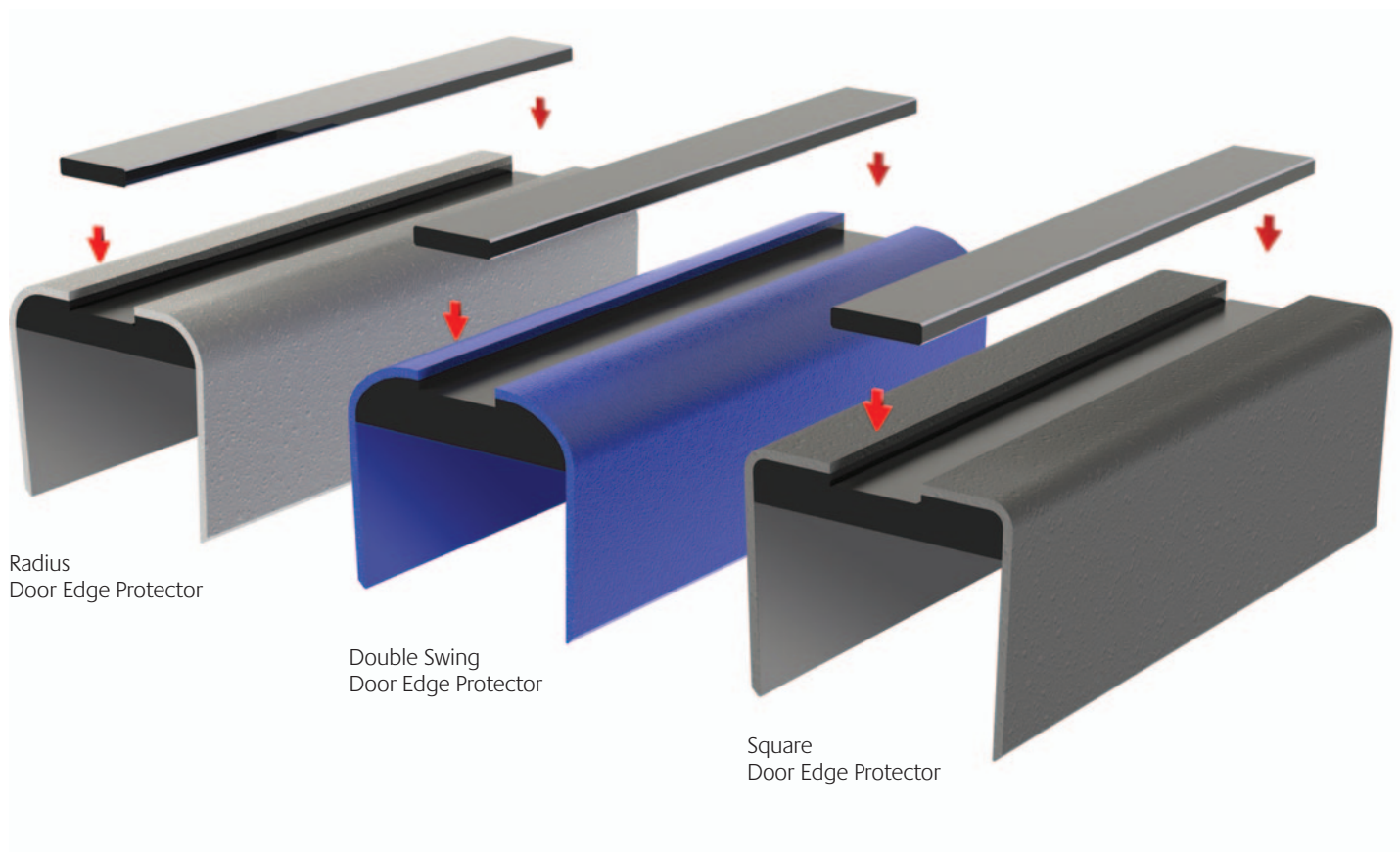
Special Information

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 64 & 65).

For fire test details see General Information on pages 57 & 58.





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 extruded PVCu, either extruded to set sizes or post-formed using the same material as Yeoman Shield Wall & Door Protection panels. (see pages 13 –14 & 37-38).

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

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 (1½Hr) 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.



Formed Angle
to suit

Architrave

Stop Lath

Colours and Finishes

Please see the relevant information as shown on pages 59 & 60.

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

Special Information

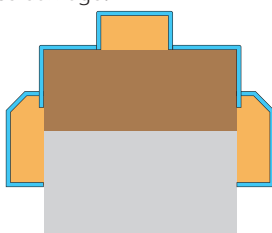
For fire test details see General Information on pages 57 & 58.

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.

Typical 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 extruded PVCu, the same material used to produce Yeoman Shield Wall & Door Protection Panels. (See pages 13 -14 & 37-38).

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

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 (1½ 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.

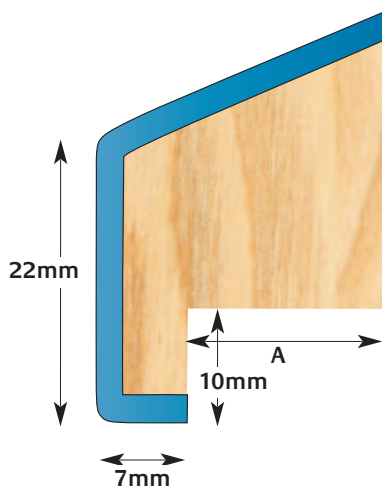
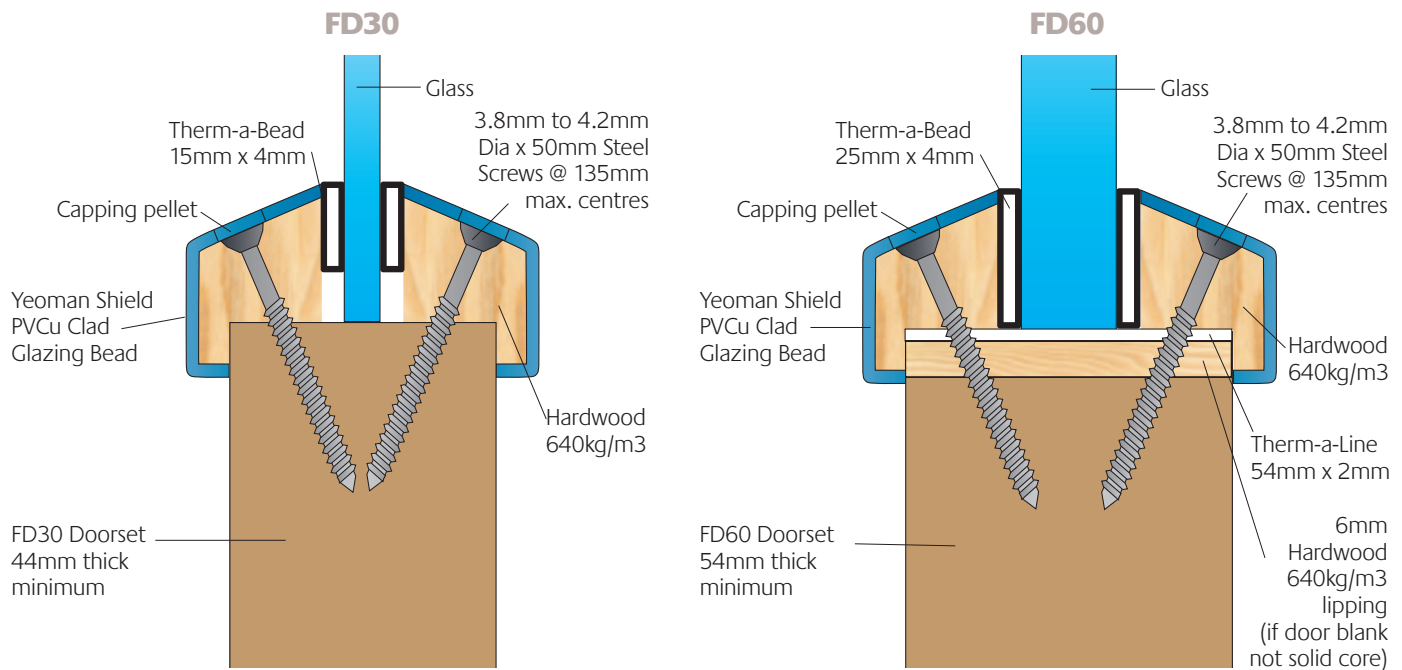
Colours and Finishes

Please see the relevant information as shown on pages 59 & 60.

Special Information

For fire test details see General Information on pages 57 & 58.





* For ordering / quotation purposes please advise A and B dimensions.

Important Considerations when Fitting Yeoman Shield PVCu Clad Glazing Bead Units:

The Yeoman Shield PVCu Clad Glazing Bead system comprises a hardwood bead (normal density 640 kg/m³) with dimensions 32 mm x 22.5 mm (inc. 2 mm thick Yeoman Shield PVCu Cladding) incorporating a 7 mm x 9 mm bolection and a splay angle of 23°.

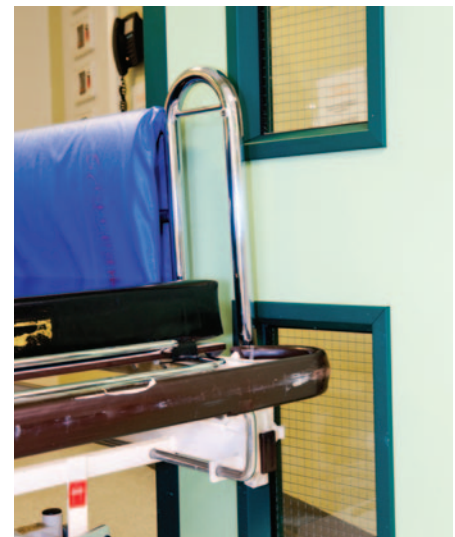
The three external faces of the beads are clad with 2 mm thick PVCu. The beads are fixed using Ø3.8 – 4.2 x 50 mm long steel countersunk screws set at approximately 135 mm centres at 23° skew angle relative to the glass, starting approximately 60 mm in from each corner of the glazed aperture.

The Yeoman Shield PVCu Clad Glazing Bead system can be utilized to replace glazing beads on existing FD30 or FD60 minute timber doorsets. In these instances, where applicable and acceptable, the existing glass can be retained and the glazing beads may also be retained.

Before commencing any retrospective or refurbishment work, please review our **Yeoman Shield** PVCu Glazing Bead Fire Assessment Report.

N.B. When the entire glazing system is being replaced, if the door is not of solid timber composition, then a hardwood liner is required around the perimeter of the glazed opening (and should be a minimum 6 mm thick at a density of 650kg/m³). The aperture can be increased to accommodate the liner providing the overall glazed area is not increased. Acceptable glass types will remain as per current assessed scope.

However, if door evidence is available to prove the door, when fitted with the specified glass and Therm-a-glaze system (including the 25 x 4 mm Therm-a-Bead seals and the specified Therm-a-Line liner) without a hardwood liner, then in this instance the hardwood liner will not be needed.



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

DOOR CLIPPING LATH



The Yeoman Shield Clipping 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 39 & 40), to provide both privacy and protection.



Composition

extruded PCVU, the same material used to produce Yeoman Shield Wall & Door Protection Panels. (See pages 13 -14 & 37-38).

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



Dimensions

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

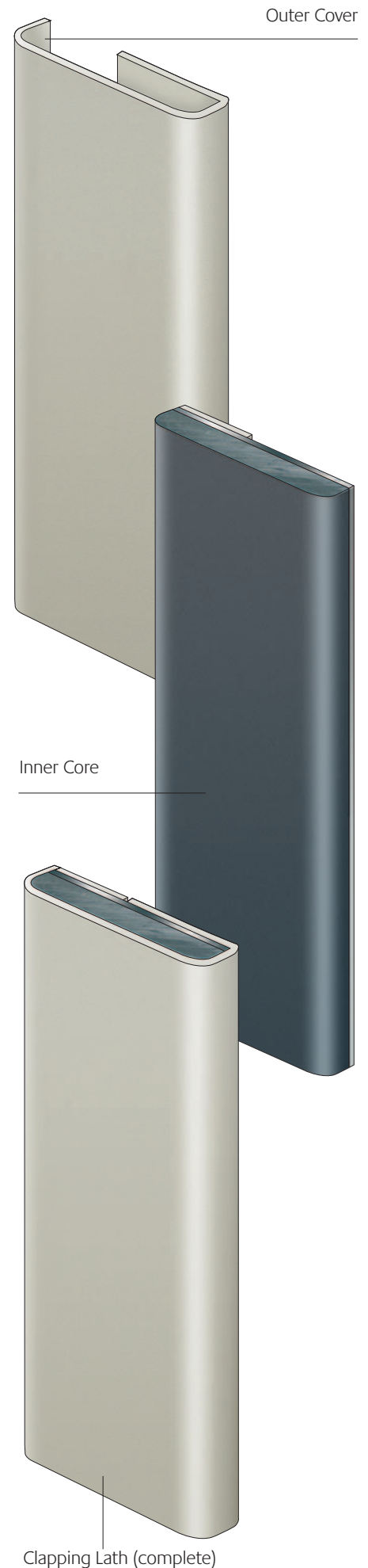
Standard thickness for the outer cover is 2.0mm, which is formed around an 11.0mm inner core.

Colours and Finishes

Please see the relevant information as shown on pages 62 & 63.

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.

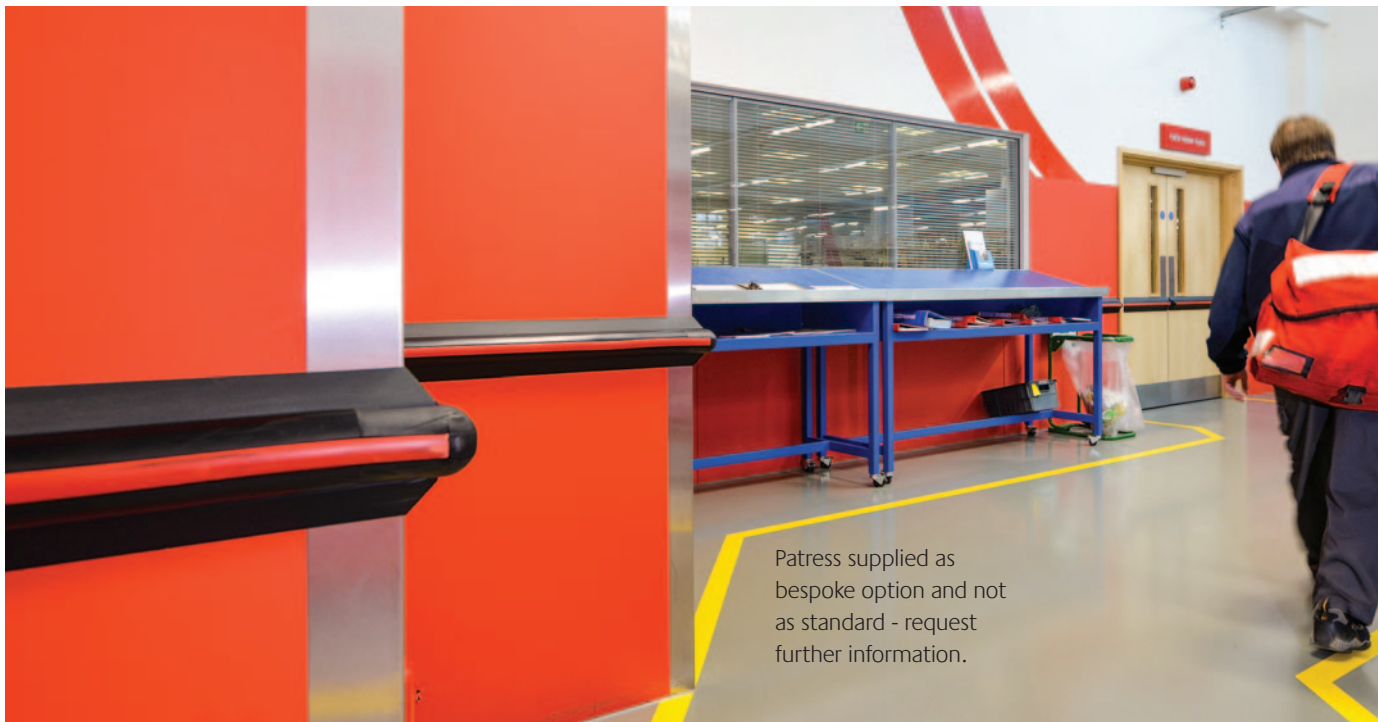


ALL YEOMAN SHIELD FIRE RATED PRODUCTS HAVE BEEN TESTED TO THE CURRENT STANDARDS REQUIRED FOR OUR PRODUCT TYPE.

DUO-FENDER & MINI DUO-FENDER



Yeoman Shield Duo-Fender affords protection where head-on impact from vehicular traffic is anticipated. Yeoman Shield Mini Duo-Fender is the smaller alternative.



Patress supplied as bespoke option and not as standard - request further information.



Duo-Fender

60mm

30mm
Mini Duo-Fender

Colours and Finishes

Please see the relevant information for heavy duty products as shown on pages 59 & 60.

Special Information

A coloured rubber insert is available subject to quantity.

Composition

Both systems are extruded in a EPDM Rubber and comprise two components. External corners and stop ends are injection moulded.

Dimensions

Duo-Fender and Mini Duo-Fender are extruded in lengths of 3.5m, with a projection of 30mm.

Duo-Fender is 60mm deep and the Mini Duo - Fender is 30mm deep.

Standard Accessories



Stop End



External Corner

MIDI-FENDER



Yeoman Shield Midi-Fender is suitable for use in warehouse and parking areas to prevent impact damage to wall surfaces.



60mm

Composition

The system is extruded EPDM Rubber. External corners and stop ends are injection moulded.

Dimensions

Midi-Fender is extruded in lengths of 3.5m, has a projection of 35mm and is 60mm deep.

Colours and Finishes

Please see the relevant information for heavy duty products as shown on pages 59 & 60

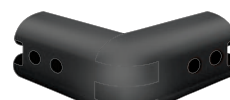
Special Information

A coloured PVCu insert is available for visual effect and to conceal fixings.

Standard Accessories



Stop End



External Corner

FOOTRAILS



Yeoman Shield Footrails offer optimum protection to the lower part and skirting element of walls. They can also be the perfect protection for vulnerable glass walls, screens, freezer/fridge equipment and deli counters.

Installed via a choice of brackets, to suit the surrounding environment, with the additional option of a fixed or removeable system.

Available in either a Stainless Steel or PVCu finish, the footrail is a great defence; stopping heavy weight trolleys, motorised trucks and vehicles colliding with walls and partitions.





Composition

Extruded PVCu sleeve over an Aluminium core. Alternatively, a Stainless Steel Type 316 extruded tube.

Either rail is mounted on a type 316 Stainless Steel standard floor bracket.

*All footrails are a nominal 50mm in diameter and have an overall height of 200mm and a projection of 120mm on standard brackets.

Dimensions

Both the PVCu and Stainless Steel version are 50mm* in diameter and manufactured in 3m lengths.

The Standard fixing bracket as detailed below is 150mm high and slots into a 150mm deep socket. The base plate is 60mm diameter. These can be fixed or removable.

Alternative fixing brackets are shown below, which may alter finished height / projection.

Standard Accessories

For PVCu rail as shown. (Please refer for Stainless Steel options).

Special Accessories

Stainless Steel stop ends and internal/external corners.

Colours & Finishes

For available colours

Please see the flap on the inside back cover.



Alternative Fixing Brackets



Type A



Type B

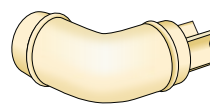


Type C



Type D

Standard Accessories



PVCu Wall Return



PVCu External/Internal Corner



PVCu Stop End

FLOOR MOUNTED BOLLARDS



Yeoman Shield Floor Mounted Bollards are an easily installed method of protecting vulnerable machinery, refrigeration display units and exposed columns from damage by mobile equipment.

Composition

Type 1: Manufactured from mild steel plate/tube, welded, shot blasted then epoxy coated. The rotating sleeve is manufactured using extrude PVCu.

Type 2: Manufactured from mild steel plate/tube, welded, shot blasted then chromed.

Type 2a: Manufactured from Stainless Steel plate/tube, welded then polished.

Base cover plates are available for Types 1, 2 and 2a, and are available in powder coated mild steel, Chrome finish or polished Stainless Steel.

Dimensions

Standard protectors are 600mm high. Other sizes and designs are available to order.

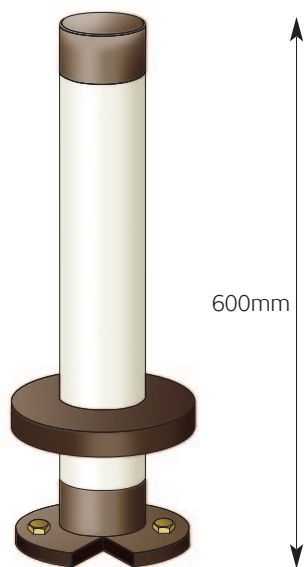
Colours and Finishes

Extruded PVCu sleeves, which are smooth, are available for Type 1 in limited colours - please refer to the Sales Office.

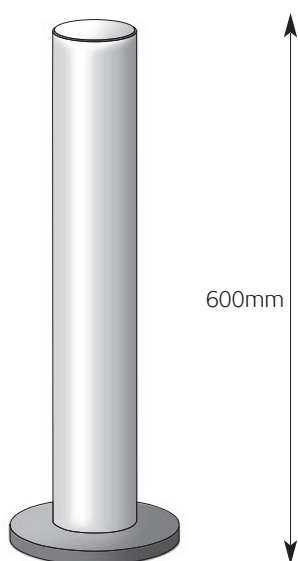
Specials

Alternative types of Floor Mounted Bollards can be made to your specific requirements. Please contact our Sales Office for further information.





Type 1



Type 2/2a



Yeoman Shield – over 55 years of experience



Being a successful company within the Construction Industry for over 50 years is a great achievement and something that we are extremely proud of. A success that has been built on the consistent quality of our staff, product, service and delivery, along with the experience that has been gained over these years.

Delivery of service

At Yeoman Shield we are all too aware of the pressures, in the construction and fit-out world, to meet deadlines along with the challenges of working in live areas where quick and accurate delivery times are essential.

At our Head Office in Leeds, we hold large stocks of standard products enabling us to despatch supply only materials within 48 hours.

Our manufacturing capabilities enable a delivery date of 7 to 10 days on fabricated items. For special colours and bespoke products, a member of our sales team will advise on the quickest delivery times possible.

For Yeoman Shield installation services, a 2 to 3 week notification period is appreciated before commencing work on site - but these time scales can be flexible.



Widely available

Yeoman Shield operate on a national basis with delivery throughout the UK via our own transport or through trusted carriers providing trackable despatches.

Our external sales team also cover the whole of the UK with Area Sales Managers strategically placed, to carry out site surveys and attend meetings to discuss projects and products, our directly employed fixing teams also provide nationwide coverage.

An Export Department is part of the company run from our Head Office in Leeds with designated international agents.

Why use Yeoman Shield Wall & Door Protection Products?

The simple answer – it's a cost effective way of maintaining the interiors of people busy buildings.

Persistent repair and redecoration of damaged walls, corners and doors in buildings can have a massive drain on budgets and resources.

Our products are designed to save on maintenance costs which are borne by those having to keep the interiors of buildings safe, smart and clean looking.

Yeoman Shield wall & door protection, once installed, will prevent unsightly damage and marking, reducing the need for remedial work to repair and replace, in turn saving time and money.



Market diversity

With over 50 years trading comes knowledge and experience. We are ideally placed to offer advice on which products are best fit for the environment in question and where best to install them to maximise the protection and minimise the damage.

Our products are successfully implemented in Healthcare, Leisure, Retail, Offices and Warehousing premises (to name but a few) saving operatives thousands of pounds in maintenance bills over the life cycle of the building.

A creditable company

To endorse our professionalism and competency within the industry, Yeoman Shield hold a selection of relevant accreditations for quality, health & safety and specification.

We have also heavily invested in the fire testing of our products allowing us to offer the all important fire certification on our wall & door protection products.

Subscribed to the NBS National BIM Library, Yeoman Shield's product NBS specifications and 3D models can be found on the NBS website.



For further information on any of the accreditations and certification, head to our website www.yeomanshield.com or for full fire reports please contact the Sales Office.



Ready and waiting to help

Yeoman Shield offer a range of services to assist our customers on choosing the right protection products.

Free site surveys, samples and advice along with fully comprehensive fixing instructions and data sheets are all available.

Not only do Yeoman Shield offer products on a supply only basis but can also provide a cost for our products to be installed.

Unique within the industry we directly employ teams which have had full training in the installation of Yeoman Shield products as well as construction site safety.

All operatives hold relevant CSCS cards with Site Foremen having the SSSTS certificates; ensuring that a faultless finish to your project is guaranteed.

To use any of the above services or to contact us with regards to products or a project please call 0113 279 5854 or email info@yeomanshield.com

What People are saying about Yeoman Shield



"We are exceptionally pleased with the new Dementia Unit and the complementing look, quality and functionality of the Yeoman Shield Anti-Ligature Guardian Handrail."

Ysbyty George Thomas

Many years in the wall & door protection industry has equipped Yeoman Shield with the experience and knowledge to offer a professional and comprehensive customer service and product range.

By providing an exceptional standard of manufacturing and installation, Yeoman Shield has earned its place as a market leader in the provision of cost-effective protection systems into the public, private and commercial sectors.



"Many thanks to Yeoman Shield for the smooth and successful completion of this project. The feedback received from our PFI partners at the school following their rebranding exercise, have been really positive. I have used Yeoman Shield products in both Healthcare and Educational settings and their protective products are perfect for the environments we are responsible for maintaining. The products and quality of workmanship are both excellent and I would be more than happy to use Yeoman Shield for any of our upcoming protective requirements across any of our contracts."

Fairfield School

"We are absolutely certain we chose the right partner in YS, for this critical project. The results are fantastic."

Lambton House Care Home



“We worked closely with the Yeoman Shield team through the design and specification phase, drawing on their expertise to find a cost-effective fit-for-purpose solution. The site survey and installation offered a start-to-finish package which has been contributory to the successful and well received outcome of the project”.

Northern general Hospital



“We were very pleased with the quality of work provided by the Yeoman Shield installers who showed consideration to the environment that they were working in.”

Castell Allen High School

“Their door protection products are great; not only have Yeoman shield re-certified the old fire doors for conformity, but they have also extended the life of the doors by fitting a hard-wearing cladding to each. This makes them more durable for the rigours of school life, they look amazing and are so easy to clean.

Bellrock FM



GENERAL INFORMATION

Yeoman Shield Fire Test Information

Yeoman Shield Wall & Door Protection products have been Fire tested in accordance with **current regulations** and achieved the following:

Textured Extruded Sheet – B, s3, d0

BS EN 13823: 2010 + A1: 2014.

BS EN ISO 11925 - 2: 2010.

BS EN 13501 - 1: 2007 + A1: 2009.

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).

Smooth Extruded Sheet – B, s3, d0

MSZ EN 13823: 2011.

MSZ EN ISO 11925 - 2: 2011.

MSZ EN 13501 - 1: 2019.

Textured Extruded Protection Products – B, s2, d0

BS EN 13823: 2010 + A1: 2014.

BS EN ISO 11925 - 2: 2010.

BS EN 13501 - 1: 2007 + A1: 2009.

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 - FD30/FD60

BS 476: Part 22: 1987 - For 1/2 hour or 1 hour fire integrity on full door assemblies.

BS 476: Part 31.1: 1983 - To meet requirements of **BS 5588**.

PVCu Clad Glazing Bead

BS EN 1634 - 1: 2008 - For 1/2 hour and 1 hour fire doors.

BS 476: Part 22: 1987 - For 1/2 hour or 1 hour fire integrity on full door assemblies.

Smooth Extruded Frame Protection Products CFR1101041 Rev 1 & CFR1002181 Rev 2

BS EN 1634-1:2008 (1 Hr).

BS EN 1634-1:2008 (1/2 Hr).

All BS or EN testing has been carried out at Exova Warrington or Exova Chiltern Test Houses and the full fire test reports are available on request



DDA (Disability Discrimination Act)

Various products within the Yeoman Shield range help to meet the DDA requirements: The Door Edge Protectors in a contrasting colour, such as those shown on pages 58 & 59 of our brochure, highlight the edge of the door for the partially sighted. Door Protection Panels/Plates, D Plates, Door Frame Protectors and Corner Protection Angles can also be used to identify particular areas within buildings. Handrails and Protection Rails that are supplied with contrasting stop ends and external corners can also be used to indicate changes in direction or termination of an area.

The Guardian, Premier and Stand Off Handrails do not contravene the DDA requirements when installed in either Hospital Wards or Corridors. – The current **Building Regulations: Approved Document M (2010), BS 8300: 2009 + A1: 2010, HBN 00-04** and **HTM 69** all provide ‘guidance and recommendations’ for handrails and their dimensions, but some of this information only applies to handrails that are fitted to ‘stairways, external stepped and ramped access’.

HTM 69, which should be read in conjunction with **HBN 00-04**, states – “Wood or MDF based rails faced with high impact plastics, sometimes edged top and bottom with hardwood, have proved a satisfactory solution to hand/crash rails”. – The Yeoman Shield Handrails and Protection Rails have been designed around this.

Signage can be incorporated into most of our wall and door protection systems using contrasting colours to ensure that they are well defined and legible, whether in Text, Hieroglyphics or Braille.

Signs positioned in protection are more easily read by wheelchair users and present no disadvantage to others.

Dementia friendly – The ability to include signs, images and lettering into some of Yeoman Shield’s protection panels and protection rails can assist in Dementia friendly environments.



Installation

Typical fixing instructions are available on request or to download from our website. If additional information or clarification of any points is required, then please contact our Sales Office.

Our Supply and Fix service is available nationwide on all our products.

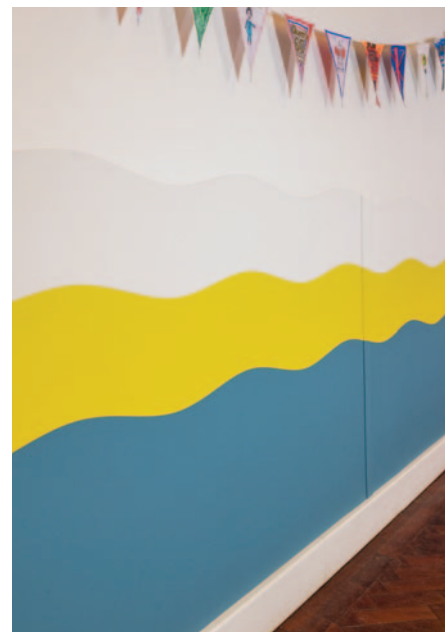
We are **CHAS (Contractor, Health & Safety Assessment Scheme)** accredited contractors and all our operatives hold relevant **CSCS** cards and Site Foremen having **SSSTS** certificates.

Colours & Finishes

Pages 86 & 87 of our brochure contain all the relevant information regarding colours and finishes.

The manufacturing processes of either extrusion or injection moulding and the materials used to produce the Yeoman Shield product range offers a far greater stability on colour matching.

These materials are UV stabilised, therefore reducing the fading effect when exposed to direct sunlight. It should be recognised, however, that excessive expansion will occur in these conditions.



Surfaces & Cleaning

Yeoman Shield products are inherently hygienic if they are properly cleaned and maintained on a regular basis.

Our PVCu materials are 'rigid' and do not support the growth of bacteria or mould. When cleaning we recommend using a solvent cleaner or products such as Dettol, Johnsons Clear, etc.

Stubborn marks may need an industrial strength solvent cleaner to remove them, such as TRADESOLVE 1 (UN 1294). **N.B.** This type of cleaner should be used strictly in accordance with the manufacturer's recommendations.

The textured surfaces of Yeoman Shield products help to hide the everyday knocks, bumps, scrapes and marks caused by vehicular traffic.

Chemical Resistance

Vinylac is unaffected by commercial solvents and cleaners.

Maintenance

Yeoman Shield products are maintenance free other than normal cleaning in accordance with the above.

Expansion & Contraction

Yeoman Shield products **will** expand and contract according to temperature fluctuations: **Generally, our PVCu materials expand or contract 0.07mm/m for every 1° Celsius rise or fall.**

Please ensure that our materials are acclimatised to the environment into which they are being installed, they should be stored at normal working temperature for at least **24 hours** prior to fitting. We recommend the optimum temperature being **23°**, which is in line with the temperature during manufacture and this should limit the amount of expansion and contraction.

It is not advisable to take materials that have been stored in a cold environment, i.e. an unheated site, cold storage container/van, etc. and install these without allowing them to acclimatise, **as this may lead to unnecessary movement of material in the future.**

N.B. Greater movement may occur in glazed corridors. In extreme cases of temperature variation it may be necessary to use an alternative fixing method, please speak to our Sales Office for advice.

Impact/Abrasion

Vinylac results: **Abrasion BS 2782: Part 3: 1990 – Scratch ASTM D3363 – 74**

Forming Materials

Yeoman Shield wall and door protection materials can be Thermoformed in our workshop to suit special site applications.

Special shapes, panels, features, signage, etc. can also be produced.

Please see Yeoman Shield Imagery on pages 32 & 33 of our brochure.

Bonding Capability

Although Yeoman Shield supplied adhesives will perform in difficult environmental conditions, they will activate more readily if applied at normal room temperature.

The bond strength will then continue to increase after the initial application.

Health & Safety

Full **COSHH (Control of Substances Hazardous to Health)** details on all Yeoman Shield products are available from our Sales Office.

In accordance with **REACH** Regulations, our products do not contain any chemicals that are on the **SVHC (Substance of Very High Concern)** list dated June 2012.

Environmental

Yeoman Shield operates an Environmental policy and ensures the recycling of all materials and packaging wherever possible, a copy of our policy can be requested from our Sales Office.

All our PVCu materials/products are sourced and manufactured in the United Kingdom and can therefore contribute to achieving the requirement of **BREEAM 2011 Technical Construction Manual** for building sustainability and life cycle, **as well as reducing our Carbon Footprint.**

Additional information on the use of and sustainability of PVCu can be found on our website or on request.

Timber Products

All wood incorporated in Yeoman Shield products is purchased from an FSC supplier.

Warranty

Yeoman Shield products are guaranteed free from defects. If they are installed correctly and in accordance with the manufacturer's recommendations, they will protect surfaces for many years.

Technical Support & Advice

Data sheets and advice on the various Yeoman Shield materials/products are available from our Sales Office.



COLOUR OPTIONS

New Colours add to the wealth of choice

To celebrate 50 years, we added 14 new colours to the Yeoman Shield range in 2016, giving an even greater choice to help reflect the changes in modern design and décor. Added to the original colours a palette of 48 options become available for Yeoman Shield's most popular products.

A Perfect Finish

Products with a Stippled finish, such as Protection Rails, Protection Strip and Guardian Handrails, along with Standard and Ultra Corner Protection Angles are available in all colours shown on the chart. Wall & Door Protection Panels, Door Edge Protectors, Glazing Beads, Formed Architrave Protectors and Angles are all supplied in FalmouthEx finish as standard. HessianEx finish for these products is available in limited colours only – As denoted by (Hx) on the colour chart.

The New Yeoman Shield 50mm dia. Guardian Handrail and Footrail have a set colour range, which can be seen on the fold out page opposite.

Items such as Skirting, Extruded Door & Architrave/Frame Protection, Wall Sheet, Corner Trims and Bollard Sleeves have a Smooth finish and are **only** available in certain colours please refer to our Sales Office for advice. (please also see fold out on page 29 for additional colour information on Smooth Wall Panelling)

Heavy Duty Options

All Yeoman Shield Rubber Fenders are **only** supplied in Black. Coloured inserts are available in certain products to conceal fixings, as explained in our brochure.

Colour Fastness

The manufacturing processes of either extrusion or injection moulding and the materials used to produce the Yeoman Shield product range offers a far greater stability on colour matching.

These materials are also UV stabilised therefore reducing any fading effect when exposed to direct sunlight. It should be recognised however that excessive expansion will occur in these conditions.

Special Colours

Our manufacturing capabilities allow us to offer colour matching to a customer's specification, but this **will** be subject to a minimum order quantity and may incur an additional premium charge.

A Well Timed Delivery

Pride is taken in the fast and accurate delivery of our products and most colours are available off the shelf from our Warehouse in Leeds, offering a delivery time of 5 working days from receipt of official order. An express delivery of 48 hours can be available on request. Some of the less popular colours that are not held in stock in large quantities may be on a short lead time. For an accurate despatch date using our own vehicles or via carriers please speak to a member of our Sales Office when placing your order.

Free Samples to help you Choose

Due to the printing process of the chart, please be aware that the colours shown are for identification purposes only.

We advise, that for precise colour options, a sample piece of the desired product is requested from our office.

BS and RAL colour references are stated, or the nearest colour reference given where possible.

Designed for Life

Contrasting Colour accessories can make a design statement, but more importantly can be used to highlight door openings, changes in direction in corridors and passageways as recommended in the DDA Regulations. – This especially applies to the various Guardian Handrails.

Yeoman Shield products are manufactured from Vinylac (pages 80 & 81), a UV stabilized product which limits colour fading when exposed to direct sunlight.

Happy to Help

For all queries on Yeoman Shield colours and finishes please contact our Sales Office on 0113 279 5854 or email info@yeomanshield.com, where someone will be 'happy to help'

On Trend Range

Light Grey

RAL/BS No BS 00 A 01

LRV* 57

Mid Grey

RAL/BS No BS 00 A 05

LRV* 37

Dark Grey

RAL/BS No RAL 7015

LRV* 12

Dusty Grey

RAL/BS No RAL 7037

LRV* 26

Graphite

RAL/BS No RAL 7046 (nearest)

LRV* 21

White

RAL/BS No RAL 9016

LRV* 86

*LRV - Light Reflectance Value

An LRV is a value given to a surface to denote the amount of light reflected and can be used to measure colour contrast between surfaces. These values have been determined with reference to the CIELAB colour measurement method.

The L co-ordinate represents lightness and extends from 0 (Black) to 100 (White) and has been used as a measure of light reflectance value.

Premier Colour Range

Heather RAL/BS No - LRV* 23	Amethyst RAL/BS No RAL 4012 (nearest) LRV* 17	Lilac RAL/BS No RAL 4001 LRV* 19
Aubergine RAL/BS No BS 24 C 39 (nearest) LRV* 7	Steel Blue RAL/BS No RAL 5011 LRV* 6	Trafalgar Blue RAL/BS No RAL 5000 (nearest) LRV* 11
Dark Blue (Hx) RAL/BS No RAL 5002 LRV* 8	Royal Blue RAL/BS No RAL 5017 (nearest) LRV* 11	Regatta Blue RAL/BS No BS 18 E 53 LRV* 15
Cornflower Blue RAL/BS No RAL 5012 (nearest) LRV* 19	Pastel Blue RAL/BS No RAL 5024 LRV* 20	Powder Blue RAL/BS No BS 20 C 33 LRV* 55
Pigeon Blue RAL/BS No BS 18 C 35 LRV* 45	Sky Blue † RAL/BS No LRV* 60	Light Green RAL/BS No RAL 6027 LRV* 43
Aqua Blue RAL/BS No RAL 5018 LRV* 26	Green RAL/BS No BS 14 E 53 LRV* 17	Opal Green RAL/BS No RAL 6004 LRV* 8
Pastel Green RAL/BS No RAL 6019 LRV* 49	Sage Green RAL/BS No BS 14 C 35 (nearest) LRV* 39	Mushroom RAL/BS No BS 08 B 17 LRV* 51
Buff RAL/BS No LRV* 36	Mocha RAL/BS No BS 08 B 21 (nearest) LRV* 24	Cream RAL/BS No BS 10 B 15 LRV* 79
Red RAL/BS No BS 04 E 53 LRV* 15	Yellow RAL/BS No BS 08 E 51 LRV* 51	Brown RAL/BS No BS 08 B 29 LRV* 7
Black RAL/BS No BS 00 E 53 LRV* 4		

Ancillary Colour Range

Grapefruit RAL/BS No BS 10 E 50 LRV* 72	Primrose RAL/BS No BS 10 C 33 (nearest) LRV* 73	Pale Green RAL/BS No BS 14 C 31 (nearest) LRV* 70
Avocado RAL/BS No LRV* 33	Slate Green RAL/BS No LRV* 12	Tangerine RAL/BS No RAL 2012 (nearest) LRV* 33
Raspberry Red RAL/BS No RAL 3027 (nearest) LRV* 12	Orange RAL/BS No LRV* 14	Burgundy RAL/BS No RAL 3003 LRV* 9
Terracotta RAL/BS No LRV* 10	Blush RAL/BS No LRV* 16	Bordeaux RAL/BS No RAL 4004 LRV* 7
Pink Rose RAL/BS No BS 04 E 49 LRV* 71	Lavender RAL/BS No BS 22 B 17 (nearest) LRV* 39	

FINISHES

Stippled

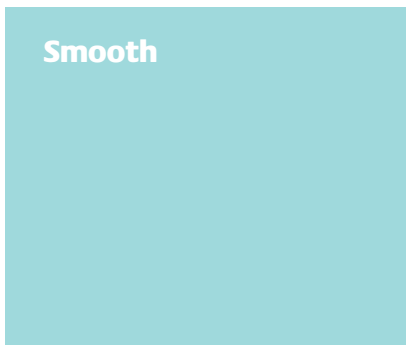


Finish for Rails, Strip, Handrails, Standard & Ultra Corner Angles and Bed Head Protection.

FalmouthEx

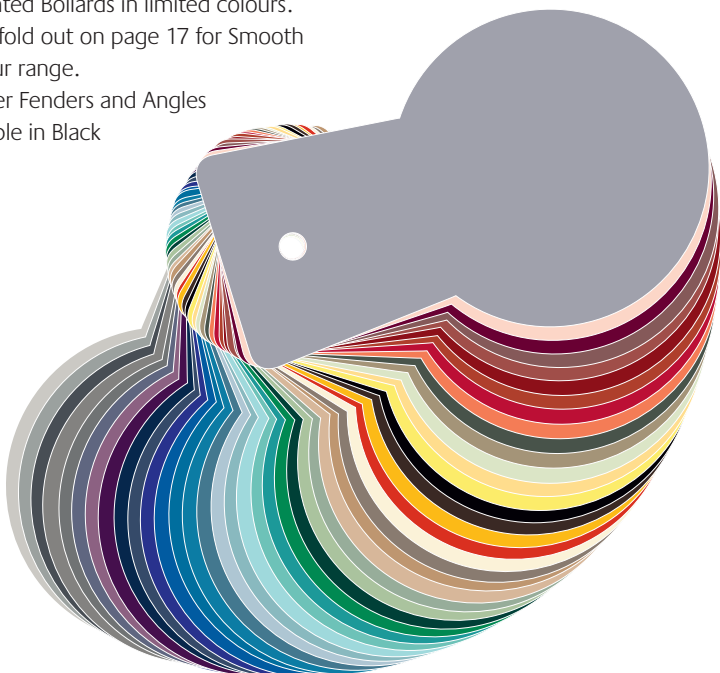


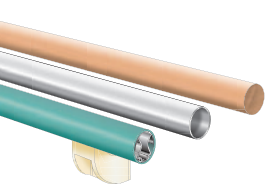
Smooth



Finish for Wall Panels, Corner Trims, Skirting, Door Frame Protection, Floor Mounted Bollards in limited colours. Please see fold out on page 17 for Smooth Panel colour range.

N.B. Rubber Fenders and Angles only available in Black





Guardian 50mm Dia. Handrail & Footrail Colours & Finishes

50mm Dia. Handrail

Accessories

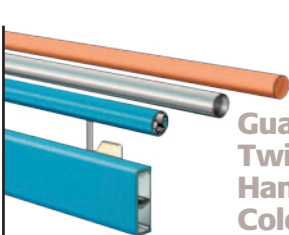
Cream	Cream
Mid Grey	Mid Grey
Black	Black
Dusty Grey	Dusty Grey
White	White
Opal Green	Opal Green
Pastel Blue	Pastel Blue
Buff	Buff
Steel Blue	Steel Blue
Light Green	Light Green
Royal Blue	Not available
Not available	Powder Blue
Timber Beech Finish	Stainless Steel
Stainless Steel Finish	Stainless Steel

All PVCu rails are supplied with Cream or Dusty Grey PVCu brackets as standard with contrasting or matching PVCu accessories. Stainless Steel options for both brackets and accessories are available at an additional cost.

Timber and Stainless Steel rails are supplied with PVCu brackets and Stainless Steel accessories as standard. Stainless Steel options for brackets are available at an extra cost.

All footrails will be supplied with Stainless Steel fixing brackets from the standard range. Standard accessories are PVCu with Stainless Steel available at an additional cost.

N.B. Footrails available in PVCu and Stainless Steel options only.



Guardian Twin Handrail Colours & Finishes

50mm Dia. Handrail

Accessories

Cream	Cream
Mid Grey	Mid Grey
Black	Black
Dusty Grey	Dusty Grey
White	White
Opal Green	Opal Green
Pastel Blue	Pastel Blue
Buff	Buff
Steel Blue	Steel Blue
Light Green	Light Green
Royal Blue	Not available
Not available	Powder Blue
Timber Beech Finish	Stainless Steel
Stainless Steel Finish	Stainless Steel

All Twin Handrails are supplied with PVCu accessories as standard. Stainless Steel options are available for both the handrail and lower protection rail, with rubber accessories also available as an alternative for the lower protection rail only, both at an extra cost.

N.B. Our 50mm dia. Handrail colours are limited to those shown above. However, the 125 & 200 mm lower protection rails can be selected from our full colour range shown opposite with contrasting or matching PVCu accessories.



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