

racking & warehouse equipment



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APEX Pallet Racking

Why choose APEX Pallet Racking?

- Designed for strength, durability and easy assembly
- Best design, widest range & best prices
- Wide range of beams and frames available
- Versatile options to suit standard applications
- Wide choice of upright heights and beam lengths
- APEX pallet racking offers unbeatable flexibility
- Beams 'lock' into uprights so the overall strength increases as weight is added
- Highest quality on the market
- Easy to configure
- All frames are delivered KD
- Kits are designed to accept all standard pallet sizes



information box

APEX Pallet Racking is designed and manufactured in accordance with all major European and British quality approval systems (ISO9000).

Meets and in many cases exceeds all standards set by SEMA (Storage Equipment Manufacturers' Association).

Helping to set the standards of design and manufacturing within industry

Need advice on creating the perfect pallet racking solution for your needs?

Just give us a call and one of our trained advisors will be there to help.

Pallet Racking Components

Choose from our comprehensive range of frames, beams and accessories

Frames include painted uprights, galv bracing and bases, frames are delivered KD and simply bolt together.

For our easy order complete bays see page 41

Contact our design team for technical questions, advice and installation service

Create your own bespoke bay(s) in 3 easy steps

1. Work out how many frames you need

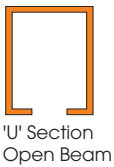
There is just one standard frame (8000kg) in multiple heights and depths. Simply allow two for the first bay, then one for each add on bay. Frames with higher loadings are available. Please call for details.

Frames – 8000kg UDL Load- See page 40 for loading info.

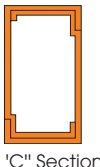
Height	Frame 900mm		Frame 1100mm	
	Order	Price £	Order	Price £
3000mm	PSK0830000900GR	£74.36	PSK0830001100GR	£77.39
4200mm	PSK0842000900GR	£104.68	PSK0842001100GR	£108.90
5400mm	PSK0854000900GR	£112.10	PSK0854001100GR	£132.89
6000mm	PSK0860000900GR	£139.14	PSK0860001100GR	£144.86

2. Choose your beams

Beams "lock" into uprights so the overall strength increases as weight is added. Beam price is for a single beam. You will need 2 beams to create 1 level. Don't forget to order your beam locks. Each single beam will require 2 beam locks (see below).



'U' Section
Open Beam



'C' Section
Box Beam



Beam
1350mm (L)
Open U050
PU050S1350073OR

£12.36

Beams (price per single beam)

Length	Type	Loading UDL	Order	Price £
1350mm	Open U050	1000kg per level	PU050S1350073OR	£12.36
1350mm	Open U060	1250kg per level	PU060S1350073OR	£13.16
2700mm	Open U110	2000kg per level	PU110H2700073OR	£32.00
2700mm	Box C090	2000kg per level	PC090S2700073OR	£33.73
2700mm	Box C100	2500kg per level	PC100S2700073OR	£35.13
3300mm	Box C150	3000kg per level	PC150S3300073OR	£59.54

3. Choose the accessories required

Each beam will always require 2 beam locks. For higher frames and unstable loads floor bolts may be required. For technical advice and assistance please contact one of our trained advisers.

Upright Protector Kits

300mm & 450mm High

Size	Order	Price £
300mm	PGKS300OR	£32.01
450mm	PGKS450OR	£39.34

Holding Down Bolt

Expanding floor bolt

Order	Price £
BLTBFF1240ZP	£0.54

Levelling Plates

Size	Order	Price £
2mm	PLP2UN	£0.88
3mm	PLP3UN	£1.16

Pallet Support Bars

Two sizes available for both bay depths

Size	Order	Price £
900mm	PPS0900GR	£15.74
1100mm	PPS1100GR	£16.77



Pallet Support Bars



Upright Protector

Beam Locks

Order	Price £
PBL	£0.40

Row Spacers

For back to back bays

Order	Price £
PRS0200GV	£2.54
PRS0300GV	£2.84



Beam Locks



Beam Lock

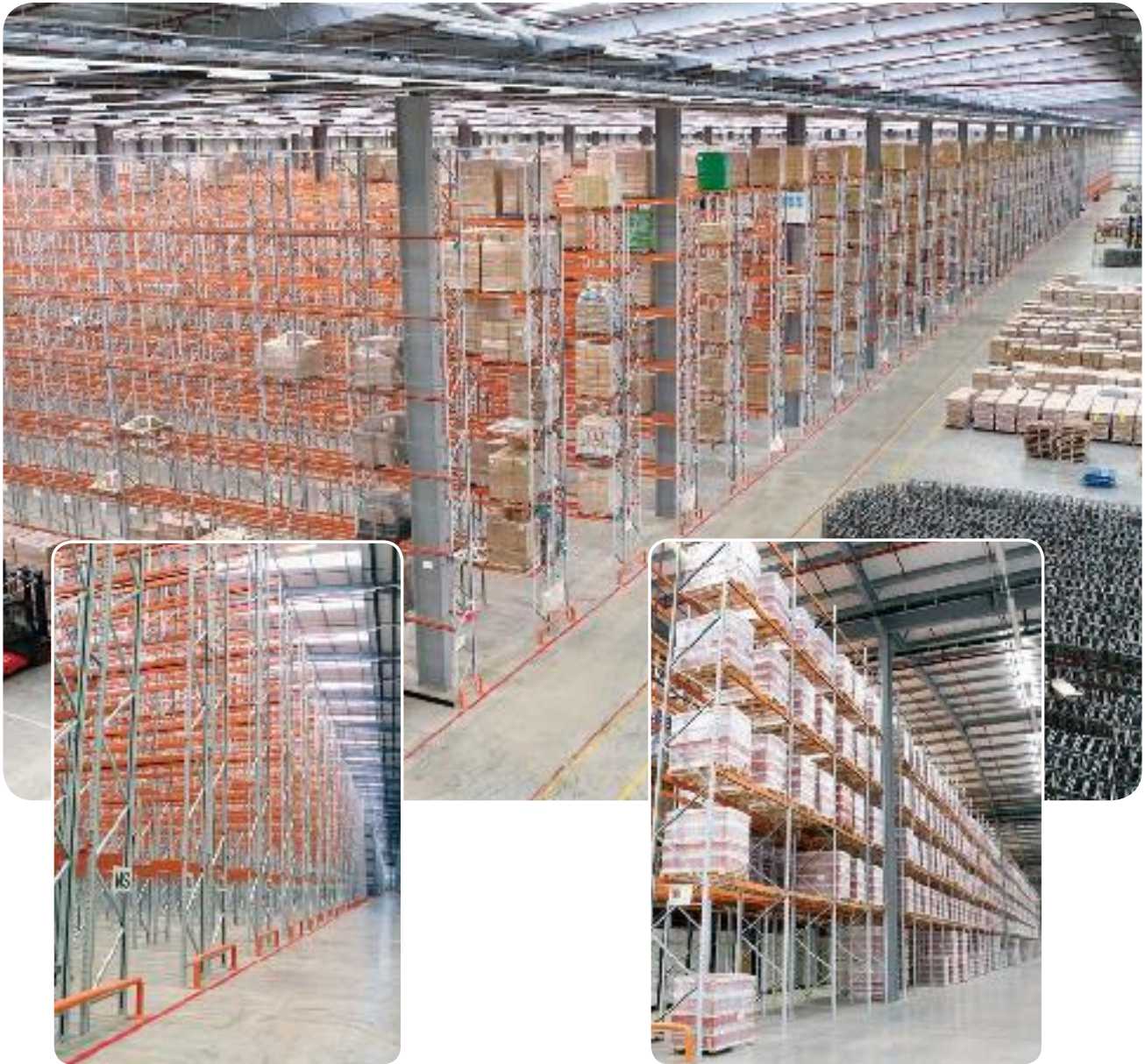


information box

CALCULATING THE BEAM LOADING

Each bay will accept a maximum load of 8000kg (UDL). Each beam level will accept a maximum of 2000kg (UDL) up to the capacity of the bay. Height to first beam load must not exceed 1500mm. Therefore the following maximum weight loading apply:

- H3000 x 2 beam levels - 2000kg per level
- H3000 x 3 beam levels - 2000kg per level
- H4500 x 4 beam levels - 2000kg per level



information box

Important Safety Notes

- To be sure of adequate rigidity and safety, you must use at least 2 beam levels per bay and a minimum run of two bays.
- Each bay has a maximum loading of up to 8000kg, it is important that you calculate the total weight of pallets in each bay to ensure the maximum loading capacity isn't exceeded - Please see above for loading info.
- Please check that the pallets used are in good condition and are suitably designed to be stored within a pallet racking system.
- All frames should be firmly secured using expanding floor bolts.
- We would recommend high level access equipment on all installations exceeding 6000mm.
- All weight loading calculations must be based on UDL (uniformly distributed load)

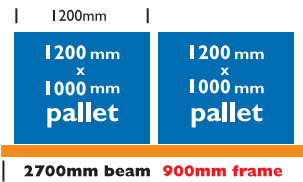
Easy ordering APEX Pallet Racking Bay Kits

There's never been an easier way to order Pallet Racking

- APEX Pallet racking is manufactured in accordance with European and British quality approved systems ISO9000, SEMA
- Beams lock into the uprights increasing overall strength and rigidity as weight is added
- APEX bay kits make ordering your pallet racking even easier
- All frames supplied in KD Kit form



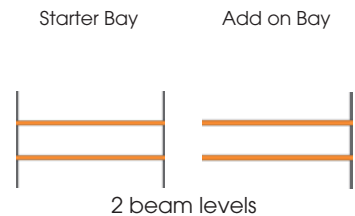
All bay kits are 2700mm wide so can accept these pallet sizes:



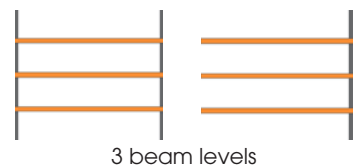
Racking & Warehouse Equipment

3000mm High Bay Kits

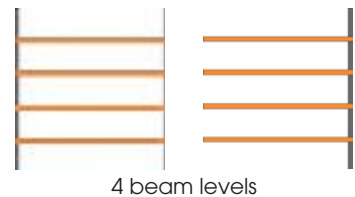
Height	Width	Depth	Bay Load Capacity	Beam Levels	UDL Per Beam	Starter Bay		Add on Bay	
						Order	Price £	Order	Price £
3000mm	2700mm	900mm	8000kg	2	2000kg	APR309027S	£287.62	APR309027X	£211.22
3000mm	2700mm	1100mm	8000kg	2	2000kg	APR301127S	£294.05	APR301127X	£214.43



Height	Width	Depth	Bay Load Capacity	Beam Levels	UDL Per Beam	Starter Bay		Add on Bay	
						Order	Price £	Order	Price £
4800mm	2700mm	900mm	8000kg	3	2000kg	APR489027S	£436.43	APR489027X	£316.32
4800mm	2700mm	1100mm	8000kg	3	2000kg	APR481127S	£445.88	APR481127X	£321.03



Height	Width	Depth	Bay Load Capacity	Beam Levels	UDL Per Beam	Starter Bay		Add on Bay	
						Order	Price £	Order	Price £
6000mm	2700mm	900mm	8000kg	4	2000kg	APR609027S	£577.03	APR309027X	£419.00
6000mm	2700mm	1100mm	8000kg	4	2000kg	APR601127S	£588.50	APR601127X	£425.05



information box

Need advice on creating the perfect pallet racking solution for your needs?
Just give us a call and one of our trained advisors will be there to help

Cantilever Racking

Designed for the safe and effective storage of long length items such as packs of timber, metal and plastics.

Image shows a single sided starter & extension bay

- Single or double sided racking
- Arm capacity from 20kg - 2000kg UDL
- Adjustable arm heights - standard adjustment pitch 150mm
- Black uprights and yellow arms as standard
- Floor fixings and shims included
- Professional installation teams available



VCLSS1
Starter Bay
(2 uprights + bracing)

VCLSE1
Extension Bay
(1 upright + bracing)

information box

All products on this page are also available in a fully galvanised finish. Please call for details.

Type	Height	Width	Load	Arm Length	Arm Load	Rack Style	Starter Bay				Extension Bay			
							1-2		3+		1-2		3+	
							Order	Price £	Order	Price £	Order	Price £	Order	Price £
Light Duty	2700mm	1000mm	2250kg	600mm	250kg	Single Sided	VCLSS1	£634.99	VCLSS3	£521.49	VCLSE1	£379.99	VCLSE3	£311.99
Light Duty	2700mm	1000mm	4500kg	600mm	250kg	Double Sided	VCLDS1	£702.99	VCLDS3	£570.99	VCLDE1	£419.99	VCLDE3	£342.99
Medium Duty	4500mm	1200mm	3000kg	900mm	500kg	Single Sided	VCMS1	£859.99	VCMS3	£675.99	VCME1	£513.49	VCME3	£403.99
Medium Duty	4500mm	1200mm	6000kg	900mm	500kg	Double Sided	VCMD1	£947.99	VCMD3	£767.99	VCME1	£565.49	VCME3	£457.49
Heavy Duty	6000mm	1500mm	3000kg	1200mm	1000kg	Single Sided	VCHS1	£1195.99	VCHS3	£953.49	VCHSE1	£710.99	VCHSE3	£566.99
Heavy Duty	6000mm	1500mm	6000kg	1200mm	1000kg	Double Sided	VCHD1	£1351.99	VCHD3	£1150.99	VCHDE1	£803.99	VCHDE3	£683.99

Additional Arms and Pins

Arm Length	Extra Storage Arms			
	2-6		7+	
	Order	Price £	Order	Price £
600mm	VCLA2	£15.99	VCLA7	£13.49
900mm	VCMA2	£23.99	VCMA7	£21.49
1200mm	VCHA2	£34.99	VCHA7	£30.99

Minimum order quantity 2 arms

Pin Style	Retaining Pins			
	10-20		21+	
	Order	Price £	Order	Price £
Light Duty	VCLP10	£9.49	VCLP21	£6.99
Heavy Duty	VCHP10	£11.99	VCHP21	£7.99

Minimum order quantity 10 pins



Retaining Pin
(Light Duty)



Light & Medium Duty Arm

Bar & Sheet Storage

Keep your valuable stock clean, tidy and safe from damage during the storage and manufacturing processes.



Multi-Height Plate Rack

Ideal for offcuts and other variable sizes of sheet and plate.

- Support bar heights 400mm to 1000mm
- Distance between bars 160mm
- Sheet steel base
- Pre-drilled for floor fixing
- Blue epoxy finish

Overall Dimensions:
H1000 x W1400 x D800mm

Weight: 75kg

Multi-height Plate Rack H1000mm x
W1400mm x D800mm
VVHSR1

£236.99



Vertical Storage Rack

Fully welded steel construction with steelbase.

- 600mm x 250mm storage bays
- Pre-drilled for floor fixing
- Blue epoxy finish

Vertical Storage Racks

No. Of Bays	Overall		Weight kg	Order	Price £
	Height	Width			
4	1500mm	1200mm	84kg	VVSR4	£229.99
6	1500mm	1800mm	108kg	VVSR6	£290.49
8	1500mm	2400mm	135kg	VVSR8	£353.99

Vertical Storage Rack H1500mm
x W1200mm
VVSR4

£229.99



Multipurpose Rack

- Distance between uprights: 305mm
- Height from base to central support beam: 575mm
- Pre-drilled holes to allow for floor bolting (bolts not supplied)
- Finish: Blue epoxy

Multipurpose Rack - H1220 x
W1080 x D1015mm
VFHSR

£253.60



Rack Netting

- Back of Rack Safety Netting
- Prevents accidents & stock damage
- Withstands a full pallet impact at 1000kg
- Available in a choice of 6 colours
- Faster installation than traditional methods
- For new installations or can be retro-fitted



The price below is a guide. Specific prices for projects are available on request

Budget Price (per square metre)	£18.00
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Mezzanine Handrail Netting

- Prevents items falling from a Mezzanine Floor
- Retains the use of the handrail
- Available in a choice of 6 colours
- For new installations or can be retro-fitted



The price below is a guide. Specific prices for projects are available on request

Budget Price (per linear metre)	£16.00
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Mesh Decks



Flush fit



Strength



Waterfall edge

Order	To Fit Level Size	No. of panels	Loading UDL	Price
VMD91013203	2700 x 900mm	2	2000kg	P.O.A
VMD91010803	3300 x 900mm	3	3000kg	P.O.A
VMD91013203	2700 x 1100mm	2	2000kg	P.O.A
VMD11010803	3300 x 1100mm	3	3000kg	P.O.A

Features

- Maintenance free
- Easy to install
- Recommended for use with sprinklers
- Prevents goods falling through
- Different designs available
- Dividers to suit
- Quick delivery
- Quality finish

information box Larger Projects?

Please call one of our team to discuss your requirements. Discounts available for large order quantities.

Anti-Collapse Mesh



Our Anti-collapse system is fitted to the rear of pallet racking to prevent goods falling out and causing injury to personnel or damage to goods.

Constructed in a brick work pattern for additional strength, the panels are then bolted together to give the desired width and height.

The width of the end panels are trimmed down to suit on site and finished using trim kits.

information box

Price on application



Specifications

- 2 widths: 1125 and 2250mm
- 4 heights: 700, 1000, 1200 & 1500mm
- 50x50mm Mesh Grid
- 3mm wire thickness
- 19x19mm box section surround
- Standoff brackets – 100 to 300mm
- All fixings supplied
- Painted finish in RAL 7024 Grey

Flexi Bollard

- Flexi Bollard protects doorways and loading areas
- Price Includes all fixings



Comes with 4 anchors, Height 1000mm VA7050

£245.49

Monostrut Column Protection

Actual product received may vary slightly from that shown.

- Standard & Heavy Duty column protectors
- Price includes all fixings



400mm diameter VMONOCOL1

£334.90

Heavy Duty Warehouse Column Protection

- Highly effective systems protect against vehicle impact damage
- Price includes all fixings



500mm diameter VWARCOL1

£687.49

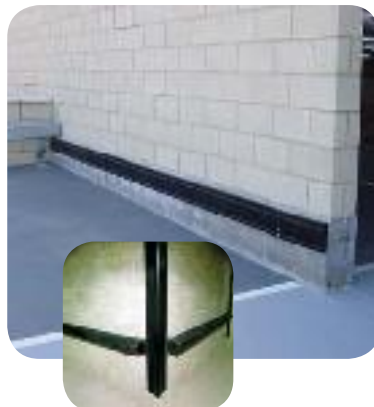
750mm diameter VWARCOL2

£737.99

information box

Flexible Bollard provides single point impact protection. Operational up to 5 tonne impact. High visibility yellow finish. Rigid RSJ with rubber shock absorbing pads.

Rubber Barrier Protection Systems



Designed to complement the spring steel systems, and where space is at a premium. Easy to fix, each Rubber Profile is designed to suit a particular application, from dock loading to simple wall corner protection.

- 5 available profiles
- Simple and easy to fix
- Weather and abrasion resist

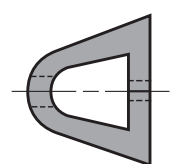


Tri-Block 100



1 WALL GUARD
Standard Length 3000mm
Material EPDM Rubber
Fixing Method 'Hammerfix' anchors (13 No.) c/w Cup Washer @ 500mm Centres

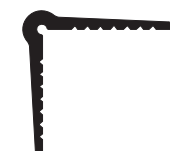
6mm dia hole-staggered top & bottom



2 'D' SECTION
Standard Length 3000mm
Material EPDM Rubber
Fixing method 10mm dia Expanding Anchor Bolts (8 No.) @ 400mm centres



3 DOUBLE 'D'
Standard Length 6m Coil
Material EPDM Rubber
Fixing method 'Hammerfix' anchors (or similar) c/w Washer @ 400mm centres



4 COLUMN CORNER GUARD
Standard Length 1200mm
Material EPDM Rubber
Fixing Method Adhesive c/w (6 No.) Screw, Rawlplug & Cup Washer

Description	Order	Price £
Column Corner Guard		
1200 x 100 x 100mm	VD1006-1	£51.51
D Section 3000 x 115 x 90mm	VD1007	£176.00
Anchor Bolt Fixing for above	VE1006	£3.93
Double D Section		
6000 x 30 x 60mm	VD1008	£96.80
DD Fixings for above	VE2030	£0.92
Wall Guard 3000 x 30 x 200mm	VD1009	£138.44
Tri-Block 100 (price per metre)		
Tri-Block 100 incl. fixings	VTRIBLOCK	£118.79

Standard and Heavy Duty Steel Barriers

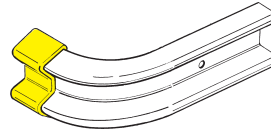
Deflect and absorb the impact load and return to their original position



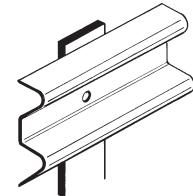
Standard duty 4 metre Rail Section with 4 x Buffer Supports.

- Unique spring steel barrier system
- Designed to absorb shock load
- Internal and external application
- Galvanised finish
- Minimal Maintenance
- All buffer supports are supplied with appropriate base plates and anchor bolts as standard

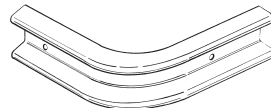
Description	Order	Price £
Initial 4m Warehouse Rail Section with 4 x 235mm Buffer Supports	VSDIR423	£238.57
Extension 4m Warehouse Rail Section with 3 x 235mm Buffer Supports	VSDER423	£202.60
Initial 4m Warehouse Rail Section with 4 x 610mm Buffer Supports	VSDIR461	£271.61
Extension 4m Warehouse Rail Section with 3 x 610mm Buffer Supports	VSDER461	£227.39
Joint Piece	VB3003	£7.87
Plastic End Cap	VB3004	£3.27
90° Bend (inc Joint Sets)	VB3005	£112.23
Quarter Bend Terminal (inc Joint Set)	VB3006	£76.66



QUARTER BEND TERMINAL

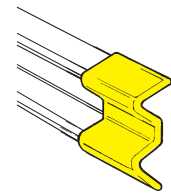


WAREHOUSE RAIL (160 x 40mm) 4 metre



90° CORNER

All Buffers and metal Barrier Rails are supplied with a Galvanised finish



PLASTIC END CAP

Heavy Duty

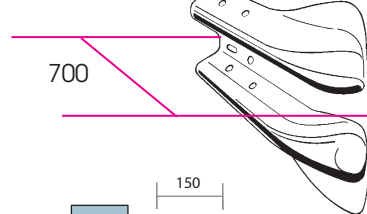
All Buffers and metal Barrier Rails are supplied with a Galvanised finish. Designed to meet the impact requirements of BS6399.



All buffer supports are supplied with appropriate base plates and anchor bolts as standard

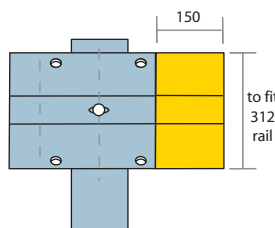
Description	Order	Price £
Initial 3.2m Heavy Duty Rail Section with 3 Buffer Supports & all fixings	VHDIR32	£310.20
Extension 3.2m Heavy Duty Rail Section with 2 Buffer Supports & all fixings	VHDER32	£233.90
Heavy Duty Fish Tail End	VB2004	£46.97
Heavy Duty Bull Nose End	VB2005	£97.76
Heavy Duty Visibility End Cap	VB2006	£10.37

FISH END TAIL



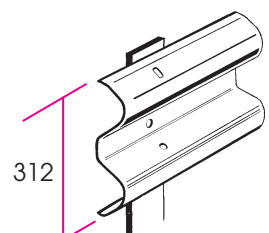
BARRIER

We recommend a maximum Buffer spacing of 1600mm. BUFFER ANCHOR BOLTS - 2 per buffer Standard Fixing (16mm Diameter, 125mm Embedment)



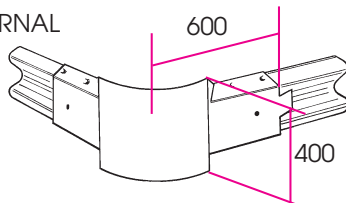
PLASTIC END CAP

(Dimensions in millimetres)



BARRIER RAIL

FLEXIBLE EXTERNAL CORNER 90°



Upright Protectors

Increase your warehouse safety, and lower your racking damage

Made from Ballistics Grade Plastic - No rust, no dents as it even has the unique ability to reform after impacts
The rounded shape with a high density polyethylene outer deflector and a tough foam inner means impacts are more likely to be deflected and any forces are diffused throughout its length.



- Fits all makes of pallet racking and is inter-transferable
- Impervious to moisture, mould growth, corrosion, acid, alkaline and most solvents
- Simply clips onto your existing or new racking without the need for further fixings
- Can be removed and reused on other racking structures making it an investment that will last for years and years
- Designed to be installed within seconds and perform in all conditions
- Fits upright up to 120mm front face
- Only 100mm wide when installed to standard racking allows absolute minimum bay and aisle intrusion.
- Reduces racking damage by as much as 80%
- Can operate down to - 40C for use in freezers and cold rooms
- Available in 3 standard sizes



Order	Description	Height	Width	Price £ each	Price £ 10 + units
VEUA	Fits up to 87mm face upright	600	87	£21.43	£20.33
VEUB	Fits up to 100mm face upright	600	100	£24.11	£22.87
VEUC	Fits up to 120mm front face	600	127	£30.36	£28.79

information box

Larger Projects?

Please call one of our team to discuss your requirements. Discounts available for large order quantities.

Steel Barrier Systems

- Designed to suit all applications and can be tailor made to your specification
- Standard lengths available on short lead time
- Finished in RAL 2011 Orange
- Alternative colours and finishes available
- Pre-drilled base plates with floor fixings included
- Discounts available for larger quantities

Barrier Length up to 1250mm

Barrier Type	1		2-10		11+	
	Order	Price £	Order	Price £	Order	Price £
Twin Channel	VB0S1	£213.49	VB0S2	£159.99	VB0S11	£127.99
Heavy Duty Rail	VB1S1	£226.99	VB1S2	£173.49	VB1S11	£139.99
Folded Rail	VB2S1	£206.99	VB2S2	£153.49	VB2S11	£115.99
Low Level Tubular	VB3S1	£186.99	VB3S2	£133.49	VB3S11	£114.99
Low Level Channel	VB4S1	£179.99	VB4S2	£126.99	VB4S11	£103.99



Barrier Length 1250-2500mm

Barrier Type	1		2-10		11+	
	Order	Price £	Order	Price £	Order	Price £
Twin Channel	VB0L1	£253.49	VB0L2	£199.99	VB0L11	£157.49
Heavy Duty Rail	VB1L1	£266.99	VB1L2	£213.49	VB1L11	£166.99
Folded Rail	VB2L1	£239.99	VB2L2	£186.99	VB2L11	£133.49
Low Level Tubular	VB3L1	£219.99	VB3L2	£166.99	VB3L11	£122.99
Low Level Channel	VB4L1	£202.99	VB4L2	£149.49	VB4L11	£113.49



Twin Channel

750mm high
Posts 100(w) x 100(d) mm
Channel Rails 100 x 50mm

Heavy Duty Rail

750mm high
Posts 100(w) x 100(d) mm
Rail 310mm high

Low Level Tubular

500mm high
89mm Diameter Tube

Low Level Channel

Medium Duty 450mm high
Posts 80(w) x 80(d) mm
Rail 76 x 38mm channel

VB0



VB1



VB3



VB4



Crash Protection Posts

3 Variations to suit light to heavy duty applications

- Alternative heights available
- Standard items available on short lead time
- Alternative colours and finishes available (RAL2011 Orange Standard)
- Pre-drilled base plates with floor fixings included

From Under
VPP1011
£53.49

Post Dimensions		2-4		5-10		11+	
Height	Diameter mm	Order	Price £	Order	Price £	Order	Price £
750mm	89	VPP102	£106.99	VPP105	£86.99	VPP1011	£53.49
915mm	114	VPP202	£119.99	VPP205	£109.49	VPP2011	£93.49
1100mm	168	VPP302	£193.49	VPP305	£159.99	VPP3011	£139.99

Minimum order of 2 posts



information box

All products on this page are also available in a fully galvanised finish. Please call for details.