

BARRETT
Ancillary Products

PRODUCT MANUAL

STOCK RANGE & TECHNICAL DATA





CREATIVITY INNOVATION TECHNICAL MASTERY

AVAILABLE THROUGH OUR NATIONWIDE STOCKHOLDER NETWORK

BARRETT

MAN



ABOUT US

WE ARE A MARKET LEADER IN THE STEEL STOCKHOLDING INDUSTRY AND IN RECENT YEARS WE HAVE DEVELOPED A COMPREHENSIVE RANGE OF ANCILLARY PRODUCTS TO COMPLEMENT OUR EXTENSIVE STEEL STOCKS. THESE INCLUDE HANDRAILS, WALKWAYS, FLOORING AND SAFETY BARRIERS.

All of our dedicated staff, wherever they are based across the UK and Ireland, will act as your one point of contact, whatever product or service you require. Our in-house experts are readily available to provide help and guidance throughout the buying process.

With substantial group stocks and a distribution network covering the UK and Ireland we are ideally placed to provide a quick and cost effective solution to meet all of your requirements





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*Whilst every effort has been made to ensure the accuracy of the information contained in this brochure, Barrett Steel Ltd cannot be held responsible for any errors or omissions. Barrett Steel Ltd reserves the right to alter or withdraw products without prior notice. Barrett Steel Ltd accepts no responsibility for any loss or damage arising from improper use of their products.

HANDRAIL STANDARDS

OUR HANDRAIL STANDARDS ARE SUITABLE FOR USE IN ALL TYPES OF INDUSTRY AND CAN BE MADE TO ORDER.

They are ideal for any internal or external area requiring a stable edge protection barrier or where protection is needed against stationary or moving machinery.

Typical applications include:

- Platforms
- Mezzanines
- Stairways
- Gantries

Our Handrail Systems are supplied in the following Shank sizes:-

- 25mm Nominal Bore Shank (33.7mm o/d x 3.2mm wall)
 - 32mm Nominal Bore Shank (42.4mm o/d x 3.2mm wall)
 - 40mm Nominal Bore Shank (48.3mm o/d x 3.2mm wall)
- and have various ball sizes to suit 25mm NB, 32mm NB and 40mm NB tubular handrail.

HANDRAIL STANDARDS

LOADING CATEGORIES

LIGHT DUTY 0.22kN/m	MEDIUM DUTY 0.36kN/m	HEAVY DUTY 0.74kN/m
For light access stairs and gangways not more than 600mm wide.	Regular two way pedestrian traffic in industrial and storage areas. Except designated escape routes.	Designated escape routes and pedestrian traffic using stairs, landings, corridors, ramps, external balconies, edges of roofs and footways providing these areas are not susceptible to overcrowding.

MAXIMUM SPACING FOR 1100MM HIGH STANDARDS

TUBULAR			
Handrail Shank Size	0.22kN/m	0.36kN/m	0.74kN/m
33.7 x 3.0	1600	1000	-
42.4 x 3.0	2000	1600	-
48.3 x 4.0	2250	2000	1700
60.3 x 4.0	-	-	1800

- This table has been constructed as a guide only and assumes a steel to steel fixing in each case.
- Designers should allow for relevant bolt size, number of bolts, base plate size and handrail pitch when fixing into concrete or other low density materials.
- A suitable size handrail should be selected to suit loading category and spacing of standards.

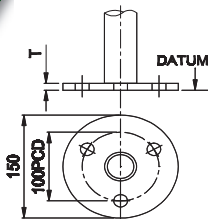
HANDRAIL STANDARDS

SELF COLOUR & GALVANISED

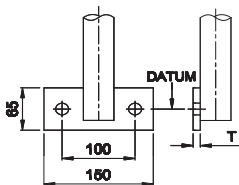
OPTIONS

Shank NB (mm)	Ball Diameter (mm)	Handrail Size NB (mm) / O/D
25	63	25 / 33.7
32	63	25 / 33.7
32	75	32 / 42.4
40	75	32 / 42.4
40	90	40 / 48.3

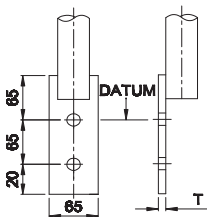
Sticks only (no base plate)



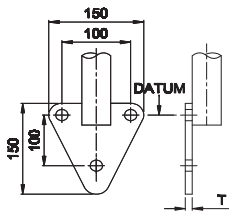
Round Base



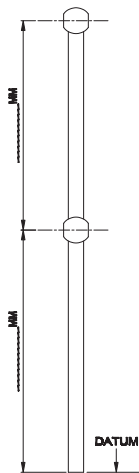
Horizontal Side Palm



Long Side Palm



Triangle Side Palm



Horizontal Standard

HANDRAIL STANDARDS

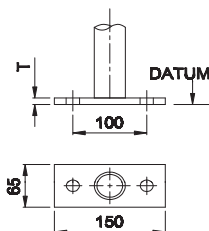
SELF COLOUR & GALVANISED

Standards with 150 x 65 bases weld, side palm, long palm flat base

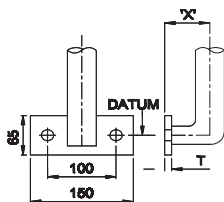
25mm nominal bore tube (33.7mm dia)

32mm nominal bore tube (42.4mm dia)

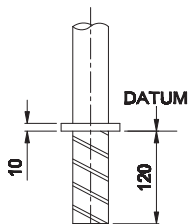
40mm nominal bore tube (48.3mm dia)



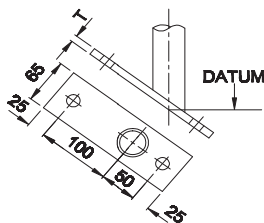
Rectangular Flat Base



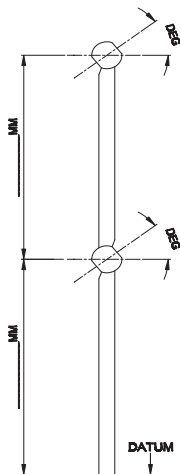
Swept Side Palm



Ragged Base



Rectangular Raked Flat Base



Raking Standard

HANDRAIL SECTIONS

HANDRAIL SECTIONS ARE AN INTEGRAL PART OF ANY BARRIER SAFETY SYSTEM.

They are used to project the handrail and knee rail to any angle required and to safely finish ends.

These items can be supplied from stock or produced to meet your specific requirements.

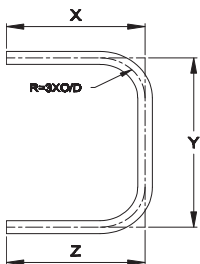
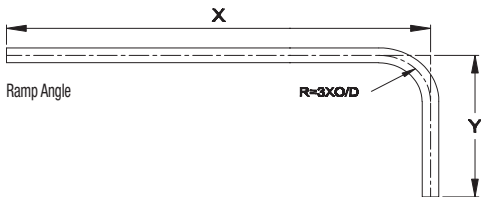
HANDRAIL SECTIONS

SELF COLOUR & GALVANISED

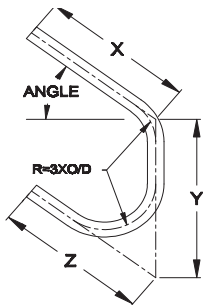
25mm nominal bore tube (33.7mm dia)

32mm nominal bore tube (42.4mm dia)

40mm nominal bore tube (48.3mm dia)



Return Bend



Stair Return Bend

SELF CLOSING SAFETY GATES

SELF CLOSING SAFETY GATES ALLOW SAFE ACCESS EITHER ON OR OFF AN AREA WITH A BARRIER PROTECTION SYSTEM.

Whilst keeping the area guarded when the gate is closed. It is essential to provide this protection when the access leads to an area of fall such as access to a ladder or to prevent access to a restricted area. These gates close by means of a sprung top hinge and are usually installed between two standards. They are either welded or bolted to one standard and close against a latch plate on the second standard. Available in a range of finishes including self colour or galvanised and in the following tube sizes:

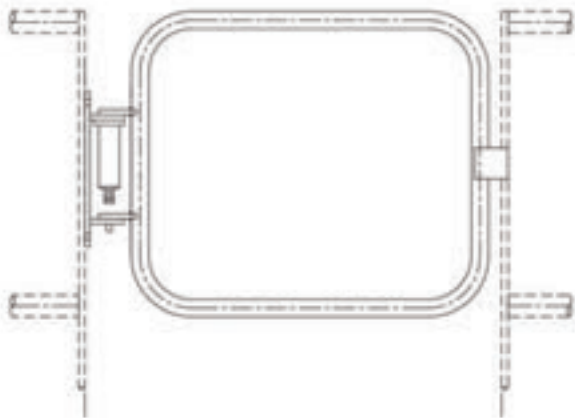
25mm nominal bore tube (33.7mm dia)

32mm nominal bore tube (42.4mm dia)

40mm nominal bore tube (48.3mm dia)

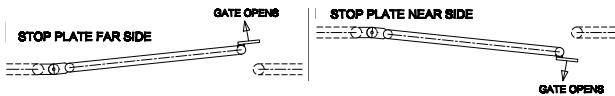
SELF CLOSING SAFETY GATES

HALF GATE WITH FIXINGS



STOP PLATE

Please select Hand of Stop Plate viewed from above.



Please advise if Handrail Standards are required when purchasing self closing gates.

Gate hinge can be purchased separately

NOMINAL BORE TUBE

SELF COLOUR & GALVANISED. NOT PRESSURE TESTED.
AVAILABLE IN LENGTHS OF 6400/6550MM

Reference	Outside Dia (mm)	Nominal Bore (mm)
A	26.9	20.0
B	33.7	25.0
C	42.4	32.0
D	48.3	40.0
E	60.3	50.0

HANDRAIL BALLS

WE SUPPLY A COMPREHENSIVE RANGE OF HANDRAIL BALLS IN SIZES TO SUIT THE FOLLOWING SIZES OF NOMINAL BORE TUBE. THIS PRODUCT IS SUPPLIED IN A SELF COLOUR FINISH.

Outside Dia (mm) (mm)	To Suit
63mm dia	25nb
75mm dia	25nb
75mm dia	32nb
90mm dia	40nb





SPLICE LOCKS

THE EFFECTIVE AND CONVENIENT WAY TO JOIN HANDRAIL TUBING.

Splice-locks are the most effective and convenient method for butt joining tubular railings. These internal expansion connectors have been engineered so that they give the perfect non-slip joint that is completely flush and virtually unnoticeable.

Their unique design enables them to be inserted into the tube without the two halves separating. Once the allen screw has been tightened the

splice-lock contacts the tube internally in four areas along the full length. This ensures alignment and maximum strength.

APPLICATION

Splice-locks allow easy on site joints to be made. They are ideally suited to situations where aesthetics and durability are of prime importance. Typical uses are for Handrails, Guardrails and Street Furniture etc.



Tube Dia (mm)	Single Splice Lock Code	Double Splice Lock Code	To suit Wall Thickness (mm)
33.7	SL-6	SL-6D	2.6 - 4.00
42.4	SL-7	SL-7D	2.6 - 4.00
48.3	SL-8	SL-8D	2.6 - 4.00
60.3	SL-9	SL-9D	2.6 - 4.00

WELD ELBOWS

WELD ELBOWS ARE IDEALLY SUITED FOR THE CONSTRUCTION OF HANDRAILING, BALUSTRADING, PROTECTION BARRIERS, STREET FURNITURE AND ALL OTHER TUBULAR FABRICATION PROJECTS.



Elbow Type	Outside Dia (mm)	Nominal Bore (mm)	"T" Wall Thickness (mm)	Radius & Centre to Face "A" (mm)
WE-3	33.7	25.0	2.6	38.0
WE-4	42.4	32.0	2.6	47.5
WE-5	48.3	40.0	2.6	57.0
WE-6	60.3	50.0	2.9	76.0
WE-7	76.1	65.0	2.9	95.0
WE-8	88.9	80.0	3.2	114.0
WE-9	114.3	100.0	3.6	152.0
WE-10	139.7	125.0	4.0	190.0
WE-11	168.3	150.0	4.5	229.0

Long radius, not pressure tested.

KICKKLAMPS

KICKKLAMPS ENABLE KICK FLATS TO BE CONNECTED TO HANDRAIL STANDARDS WITH NO NEED FOR WELDING.

They are available to suit 25NB shank (K25) or 32-40NB shanks (K40).

To accompany our Kick Klamp brackets we have connectors to help connect kick flat lengths –

KCB 1 – Internal Connector

KCB 2 – External Connector

KCB 3 – Straight Connector



K25, K40



KCB 1



KCB 2



KCB 3

CRIMP CONNECTORS

Crimp Connectors to suit 25mm nominal bore tube (33.7mm o/d):

- Straight
- Elbow



OTHER PARTS OF THE BARRETT FAMILY

BARRETT GENERAL STEELS

is the traditional core of the Barrett Steel Group. This division specialises in the supply of structural steel sections, merchant bar, rounds & squares and plates & sheets. Our complete processing package

ensures all customers' bespoke requirements are met perfectly. Services include cutting, drilling, punching & shearing, profiling, shotblasting & priming.

BARRETT TUBES DIVISION

is a leading supplier of hollow section and tubular steel products. Main product categories include hot & cold formed hollow sections in grades S235, S355 & S420; offshore seamless & welded tubes in a variety of grades; ERW tubes,

nominal bore tubes and a number of stainless steel products. State-of-the-art laser tube cutting and tube manipulation services complement this wide spread of products.

TUBECLAMPS

THE COMPREHENSIVE RANGE OF FITTINGS AND SIZES MEANS THAT TUBECLAMPS FITTINGS CAN BE USED IN A WIDE VARIETY OF APPLICATIONS BOTH TEMPORARY AND PERMANENT.

Tubeclamps are an iron casting with a galvanised finish which are manufactured with simplicity and ease of use very much in mind. There are no special skills required to make full use of the Tubeclamps range - no welding, no bending, no threading, just a hexagonal key is needed to tighten the set screws allowing you to join tubing together in a matter of seconds.

Selecting a Tubeclamps fitting is also a simple matter. Select the suitable fitting and the suitable size of tube for the application and combine the two reference numbers. Eg. A Long Tee to suit 48.3mm dia tube = 104D. Tubeclamps fittings are manufactured to suit a range of tube sizes.

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TUBECLAMPS

TUBECLAMPS FITTINGS ARE MANUFACTURED TO SUIT A RANGE OF TUBE SIZES.

Reference	Tube Diameter (mm)	Nominal Bore (inches)
A	26.9	¾"
B	33.7	1"
C	42.4	1¼"
D	48.3	1½"
E	60.3	2"

THE COMPLETE RANGE OF TUBECLAMPS FITTINGS ARE SHOWN ON THE FOLLOWING PAGES.



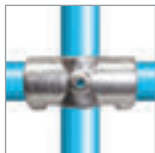
101 SHORT TEE
Sizes: A, B, C, D, E



104 LONG TEE
Sizes: A, B, C, D, E



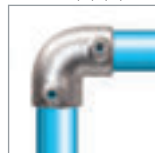
116 CORNER WITH THROUGH CENTRE TUBE
Sizes: A, B, C, D, E



119 TWO SOCKET CROSS WITH CENTRE VERTICAL TUBE
Sizes: A, B, C, D, E



124 VARIABLE ELBOW 15°-60° FROM HORIZONTAL
Sizes: B, C, D



125 90° ELBOW
Sizes: A, B, C, D, E

TUBECLAMPS CONT.



128 3 WAY 90° ELBOW
Sizes: A, B, C, D, E



129 ADJUSTABLE SHORT TEE 30°-60°
Sizes: B, C, D



130 TWO SOCKET CROSS WITH ADJUSTABLE CENTRE 30°-45°
Sizes: B, C, D



131 WALL FLANGE
Sizes: A, B, C, D, E



132 RAILING BASE FLANGE
Sizes: A, B, C, D, E



133 STOP ENDS (PLASTIC)
Sizes: A, B, C, D, E



134 GROUND SOCKET
Sizes: B, C, D



135 CLAMP ON TEE
Sizes: A, B, C, D, E



136 METAL DRIVE IN PLUG
Sizes: A, B, C, D, E



138 GATE EYE
Sizes: A, B, C, D



140 GATE HINGE
Sizes: A, B, C, D



141 RAILING HORIZONTAL SIDE SUPPORT
Sizes: B, C, D

TUBECLAMPS CONT.



143 HANDRAIL BRACKET
Sizes: A, B, C, D



144 RAILING SIDE SUPPORT VERTICAL BASE
Sizes: B, C, D



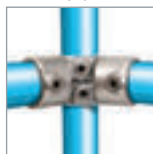
145 RAILING SIDE SUPPORT HORIZONTAL BASE
Size: B



146 SIDE PALM FIXING
Sizes: B, C, D



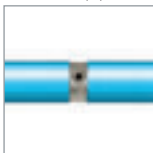
147 INTERNAL SWIVEL TEE
Sizes: B, C, D



148 SHORT TEE SWIVEL
Sizes: A, B, C, D, E



149 SLEEVE JOINT
Sizes: A, B, C, D, E



150 INTERNAL JOINT
Sizes: B, C, D



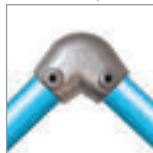
151 ANGLE BASE FLANGE
11°-30°
Sizes: C, D



152 BASE FLANGE -
ALLOWS SLOPE UP TO 11°
Size: D



153 SHORT TEE - ALLOWS
SLOPE UP TO 11°
Size: D



154 ELBOW - ALLOWS
SLOPE UP TO 11°
Size: D

TUBECLAMPS CONT.



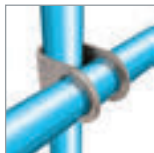
155 LONG TEE - ALLOWS
SLOPE UP TO 11°
Size: D



156 TWO SOCKET CROSS -
ALLOWS SLOPE UP TO 11°
Size: D



158 FOUR WAY CROSS
WITH CENTRE TUBE
Sizes: A, B, C, D, E



**160 CLAMP ON
CROSSOVER**
Sizes: A, B, C, D, E



161 90° CROSSOVER
Sizes: A, B, C, D, E



**165 COMBINATION SOCKET
TEE AND CROSSOVER**
Sizes: A, B, C, D, E



**167M DOUBLE MALE
SECTION OF SWIVEL**
Sizes: A, B, C, D, E



**167 DOUBLE SWIVEL
COMBINATION**
Sizes: A, B, C, D, E



**168 90° CORNER
SWIVEL COMBINATION**
Sizes: A, B, C, D



**168M 90° CORNER
SWIVEL MALE SECTION**
Sizes: A, B, C, D



169 SWIVEL BASE
Sizes: A, B, C, D, E

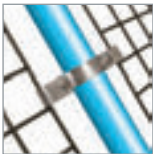


**169M SWIVEL BASE
SECTION**

TUBECLAMPS CONT.



**170 SINGLE MESH
PANEL CLIP**
Sizes: A, B, C, D, E



**171 DOUBLE MESH
PANEL CLIP**
Sizes: A, B, C, D, E



**173F FEMALE SECTION
OF SWIVEL**
Sizes: A, B, C, D, E



**173M SINGLE MALE
SECTION OF SWIVEL**
Sizes: A, B, C, D, E



**173 SINGLE SWIVEL
COMBINATION**
Sizes: A, B, C, D, E



176 SIDE OUTLET TEE
Sizes: A, B, C, D, E



**177 THREE SOCKET
11°-30° TEE**
Sizes: C, D



**178 TWO SOCKET
11°-30° CROSS**
Sizes: C, D



179 LOCKING COLLAR
Sizes: A, B, C, D, E



182 HOOK
Sizes: A, B, C, D

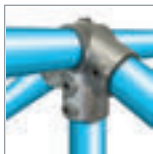


184 45° TEE
Sizes: B, C, D



**185 27 1/2" EAVES
FITTING**
Size: D

TUBECLAMPS CONT.



191 27 1/2" RIDGE FITTING
Size: D



192 BASE FLANGE WEATHER SHIELD
Sizes: B, C, D



199 ADJUSTABLE FIXING BRACKET
Sizes: C, D



231 EXTRA SCREWS
Sizes: B, C, D, E



233 KEY & RATCHET SET
Sizes: A, B, C, D, E



A101 ADD ON SHORT TEE
Sizes: C, D



142 BASE FLANGE WITH INTEGRATED TOEBOARD
Size: D



A161 ADD ON 90° CROSSOVER
Sizes: C, D



DDA RANGE



DDA-01
UPRIGHT CONNECTOR



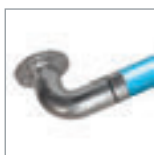
DDA-02
HANDRAIL CONNECTOR



DDA-03
WALL BRACKET



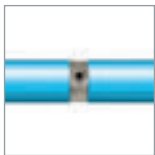
DDA-04
INTERMEDIATE BRACKET



DDA-05
END RETURN



DDA-06
90° BEND



DDA-07
EXPANDING CONNECTOR



DDA-08
PLASTIC END CAP



DDA-09
ADJUSTABLE BEND

Designed to satisfy the requirements of Part 'M' of the Building Regulations 2004

FREESTANDING ROOF EDGE PROTECTION





ROOF EDGE PROTECTION

ROOF EDGE PROTECTION SYSTEMS ARE FREESTANDING, WITH NO REQUIREMENT FOR FIXINGS OR DRILLING AND SUBSEQUENTLY NO REPAIR TO THE ROOF MEMBRANE, SUITABLE FOR FLAT ROOFS UP TO 3° PITCH.

The systems can be configured to satisfy the requirements of BS EN ISO 14122 part 3 or the load and deflection requirements of BS EN 13374 Class A.

Roof Edge Protection systems operate on a counterbalance principle using curved PVC counterweights as the main component. A galvanised malleable iron foot with a protective rubber base supports the handrail post; this includes an integral toeplate

facility which is a fundamental requirement if there is no perimeter edge upstand.

All systems feature 1100mm tall factory pre-assembled uprights that include open cradle fittings allowing the handrail tube to be quickly dropped into place instead of the time consuming process of being fed through several fittings as required with other systems, speeding up assembly and saving cost.

ROOF EDGE PROTECTION

BENEFITS

- System is effectively maintenance free with hot dip galvanised fittings and tube to BS EN ISO 1461
- Recycled PVC counterweights
- For use on asphalt, coated steel sheeted, concrete or mineral felt roofs
- Rapid installation, no special tools or specialised labour required
- No on site welding or bending required
- Base fitting allows option of installing uprights up to 11° from vertical
- Bolt on toeplate available to comply with HSG 33.

ECONOMY SYSTEM

A simple and cost effective way of protecting roof edges.



RE00G40 Uprights are positioned to a maximum bay size of 2.8m and RE11P40 counterweights (overall length 1942mm) are fitted on every other upright post to a maximum distance 5.6m*

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ROOF EDGE PROTECTION

STANDARD SYSTEM

Shorter length counterweight tubes, enables installation in restricted roof areas.



RE00G40 Upright posts each fitted with RE1140SS counterweight assemblies (1442mm overall length) maximum bay sizes of 2.8m*

PLUS SYSTEM

Aesthetically pleasing, curved uprights with 3 rails for added security.



RE00G40SS Upright posts placed at maximum bay sizes of 2.8m fitted with RE1140SS counterweight assemblies (1442mm overall length) on every other upright post maximum bay sizes of 5.6m*

*Maximum bay size dependent on roof configuration and compliance standard requirements.

OPEN STEEL FLOORING

OPEN GRID FLOORING IS MANUFACTURED BY A FORGE WELDING PROCESS AND HAVE EITHER A SELF COLOUR OR GALVANISED FINISH.



FABRICATED FLOORING

OUR FABRICATION SERVICE ALLOWS ANY OF OUR OPEN GRID FLOORING PANELS TO BE CUT, NOTCHED AND FABRICATED TO YOUR SPECIFICATIONS. DRAWING SERVICE AVAILABLE.

OPEN STEEL FLOORING

SELF COLOUR & GALVANISED

Use of Grating	UDL
Light Duty (Access limited to one person)	3.0kN/m
General Duty (Regular two-way pedestrian traffic)	5.0kN/m
Heavy Duty (High density pedestrian traffic)	7.5kN/m

FLOORING TYPE - 41/100			
Load Weight	(Uniform Loading - Maximum Span)		
Bar Size	3kN/m ²	5kN/m ²	7.5kN/m ²
20 x 3	920	890	800
20 x 5	1150	1090	950
25 x 3	1240	1150	1000
25 x 5	1540	1360	1190
30 x 3	1560	1385	1200
30 x 5	1810	1640	1430
40 x 3	2020	1845	1610
40 x 5	2310	2140	1910
50 x 5	2790	2530	2280
60 x 5	3260	2900	2620

FLOORING TYPE - 30/100			
Load Weight	(Uniform Loading - Maximum Span)		
Bar Size	3kN/m ²	5kN/m ²	7.5kN/m ²
20 x 3	1040	1020	890
25 x 3	1450	1275	1110
25 x 5	1690	1510	1320
30 x 3	1700	1535	1340
30 x 5	2000	1815	1580
40 x 3	2190	2030	1780
40 x 5	2520	2310	2080

tables to be used as guide only



STAIR TREADS

OPEN GRID FLOORING STAIR TREADS ARE MANUFACTURED FROM STANDARD GRATING PANELS TO ENSURE THE CONTINUATION OF DESIGN THROUGHOUT THE ENTIRE PROJECT.

Each stair tread incorporates a non-slip nosing bar and comes complete with two pre-drilled end plates ready for bolting to the support structure. Stair treads are available from stock with one loose end plate to enable them to be trimmed to length or can be fully fabricated to your specification.

FULL STAIR TREADS			
Bar Size	Spacing	Tread Size	Finish
25 x 5	(41/100)	750 x 250	Galvanised
30 x 3	(41/100)	1000 x 275	Galvanised

OPEN ENDED STAIR TREADS			
Bar Size	Spacing	Tread Size	Finish
25 x 5	(41/100)	1000 x 250	Self Colour
25 x 5	(41/100)	1000 x 275	Self Colour
30 x 3	(41/100)	1000 x 275	Self Colour

Drawing Service Available

OTHER PARTS OF THE BARRETT FAMILY

BARRETT ENGINEERING STEEL

are specialist suppliers of a wide range of black & bright carbon, alloy and stainless steel products. In-house processing services include cutting, peeling, reeling & grinding. Barrett Engineering Steel

are established suppliers to a number of leading OEMs covering a wide range of sectors including mining, yellow goods, highways and automotive products.

BARRETT STEEL ENERGY PRODUCTS

supply low alloy grades, nickel & alloy as well as sour service & API grades to Oil, Gas and renewable sectors. BSEP's processing capacity

is unrivalled with in-house forging, heat treatment, first stage proof machining, testing, coating, cladding, boring & coring.

WELDMESH

OUR STANDARD MESH IS MANUFACTURED FROM COPPER-WASHED DRAWN MILD STEEL WIRE AND CONFORMS TO BS 1052:1980.

Available in both copper wash (self colour), hot dip Galvanised finishes, we offer a range of wire diameters from 2.00mm to 4.75mm supported by a wide range of mesh configurations, with welds at every intersection to give maximum strength.

We stock five standard panel sizes as follows. Non-standard sizes available upon request.

- 4' x 8' (1220mm x 2440mm)
- 6' x 12' (1830mm x 3660mm)
- 6' x 4' (1830mm x 1220mm)
- 6' x 3' (1830mm x 915mm)
- 7' x 12' (2140mm x 3660mm)

GRP

GRP GRATING CAN PROVIDE COST EFFECTIVE SOLUTIONS WHEN DESIGNING AND MANUFACTURING PLATFORMS, WALKWAYS, GULLIES AND TRENCHES AND ALSO INCORPORATE THE FOLLOWING ADDITIONAL FEATURES:

- Fire Retardant
(Conforms to ASTM –E84 and ASTM –D635)
- Chemical Resistant
- Anti Slip - Gritted Top Surface
- Lightweight
- Allows easy cutting to size on site

We currently hold stock of the following panels:

Panel Depth	Mesh Size	Panel Size	Colour	RAL Ref.	Weight/m ²	Resin
25 mm	38 x 38	3660 x 1220	Grey	RAL 7035	12 kgs/m ²	Isophthalic Polyester
25 mm	38 x 38	3660 x 1220	Green	RAL 6010	12 kgs/m ²	Isophthalic Polyester
25 mm	38 x 38	3660 x 1220	Yellow	RAL 1003	12 kgs/m ²	Isophthalic Polyester
38 mm	38 x 38	3660 x 1220	Grey	RAL 7035	18 kgs/m ²	Isophthalic Polyester
38 mm	38 x 38	3660 x 1220	Green	RAL 6010	18 kgs/m ²	Isophthalic Polyester
38 mm	38 x 38	3660 x 1220	Yellow	RAL 1003	18 kgs/m ²	Isophthalic Polyester
38 mm	38 x 38	3000 x 1000	Grey	RAL 7035	18 kgs/m ²	Isophthalic Polyester
41 mm Solid Top	38 x 38	3660 x 1220	Grey	RAL 7035	21 kgs/m ²	Isophthalic Polyester
41 mm Solid Top	38 x 38	3660 x 1220	Green	RAL 6010	21 kgs/m ²	Isophthalic Polyester
50 mm	50 x 50	3660 x 1220	Grey	RAL 7035	20 kgs/m ²	Isophthalic Polyester
50 mm	50 x 50	3660 x 1220	Green	RAL 6010	20 kgs/m ²	Isophthalic Polyester
53 mm Solid Top	50 x 50	3660 x 1220	Grey	RAL 7035	24 kgs/m ²	Isophthalic Polyester
53 mm Solid Top	50 x 50	3660 x 1220	Green	RAL 6010	24 kgs/m ²	Isophthalic Polyester
GRP Tread Planks	38 x 38	3660 x 320	Grey/Yellow		18 kgs/m ²	Isophthalic Polyester

VERSATILE GALVANISED STEEL PROTECTION



ARMCO BARRIER SYSTEMS

THESE SYSTEMS HAVE BEEN ADAPTED TO OFFER PROTECTION IN A WIDE RANGE OF SITUATIONS.

The barriers' versatility allows them to be used both inside and outside; they are extensively used in car parks, loading bays and factories to offer protection to the fabric of buildings, customers and workers from the hazards of cars, trucks and other vehicles.

Made from 3mm galvanised steel with a 3.2m effective standard beam our Armco Barrier systems are compliant with the requirements of BS6180 and BS6399.

Our Armco barrier systems can be tailor suited to meet your requirements.

BARRIER RAILS	Code
Barrier Rails (3.2m Effective)	AR001
Barrier Rails Curved (3.2m Effective)	AR001C

BOLT DOWN POSTS	Code
560mm Bolt Down RSJ Post	AR003
610mm Bolt Down RSJ Post	AR004
760mm Bolt Down RSJ Post	AR005
900mm Bolt Down RSJ Post	AR006
1100mm Bolt Down RSJ Post	AR007
560mm Bolt Down Z Post	AR011
610mm Bolt Down Z Post	AR012
760mm Bolt Down Z Post	AR013
C57 Wall Bracket	AR025

CAST IN POSTS	Code
1200mm Cast In RSJ Post	AR008
1500mm Cast In RSJ Post	AR009
1800mm Cast In RSJ Post	AR010
1160mm Cast In 110x50 Z Post	AR014
1200mm Cast In 125x90 Z Post	AR015

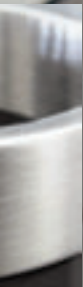
ACCESSORIES	Code
Fishtail End	AR016
Pedestrian End	AR017
Plastic End Cap - Long	AR018
Plastic End Cap - Short	AR019
90 Deg Internal Corner	AR020
90 Deg External Corner	AR021
Armco Barrier Reflector	AR022
Handrail Extension	AR023

BOLTS	Code
M16x150mm Throughbolt	AR024
M16x50mm Post Bolt	AR025
M16x35mm Lap Bolt	AR026

BOX BEAM	Code
4.8mts Open Box Beam	OBB001
2.4mts Open Box Beam	OBB002
Clamp Plates	OBB004
Fishplate - Two Needed Per Beam	OBB005
End Cap - Flat	OBB006
End Cap - Rounded	OBB007
End Cap - Plastic	OBB008
Box Beam Corner	OBB009

REVOLUTIONARY STAINLESS STEEL MODULAR HANDRAIL SYSTEM





FASTEC HANDRAIL SYSTEM

FASTEC HANDRAIL SYSTEMS SPECIALISE IN THE SUPPLY AND DELIVERY OF OFF-THE-SHELF STAINLESS STEEL MODULAR HANDRAIL FITTINGS.

Extensive use of stainless steel and glass is a hallmark of today's contemporary and minimalist design. Fastec have developed ranges of structural glass and stainless steel balustrade systems providing comprehensive design solutions that are functionally practical and, above all – visually dramatic.

- Premium Quality Product
- FREE Fixings with all Fittings
- Superior Corrosion Resistance with G316's
- Tested to BS6399-1:1996
- UK Designed Product

Need Glass? Let us quote.



Fittings



Mirror Polished



Glass Clamps



Glass Connectors & Panel Holders



Wiretec



Timbertec



Tubes & Bars



Accessories



We recommend our Fastec Model 1900 system tube to ensure a quality fit and quicker installation times. We also sell standard D3 tolerance tube for when price constraints take precedent.



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... more benefits



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PRODUCT BROCHURE

Fastec Handrail Systems Ltd are delighted to launch our new revolutionary Glass-tec product brochure which showcases our new range of structural glass base profiles and accessories. With 14 different choices of base fixing systems available we have brought together a complete solution for all your project requirements all of which are stylish, safe and easy to assemble.



Glass-tec

PRODUCT BROCHURE



Innovative Handrail Solutions

driven by quality

Future building

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To request a copy of the new brochure
contact your local sales team

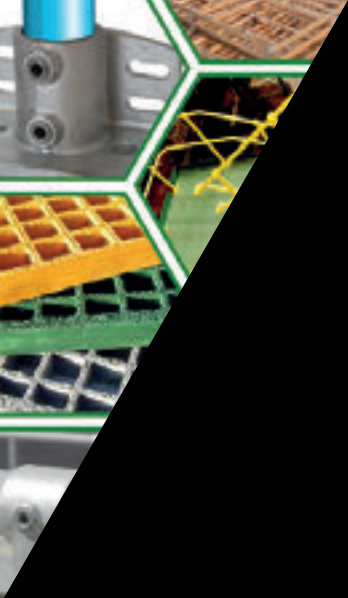
Flex-Fit



Introducing 'Flex-fit' which is the new, revolutionary glass fixing system. Flex-fit allows perfect alignment of glass with just a simple sliding movement you can position the glass with precision allowing for up to 40mm movement helping to reduce installation times by up to 30%.

Adjust the way you work





www.barrettsteel.com