
STAINLESS STEEL BALUSTRADE SYSTEMS PARTS CATALOGUE

ALUMINIUM SHOPFRONT MANUFACTURERS MIRROR WARDROBES
HARDWOOD AND OAK DOORS **PICTURE FRAMING** MIRRORS
PAINTED SPLASHBACKS GLASS BALUSTRADES **DECORATIVE GLASS**

We are delighted to offer a range of stainless steel balustrade components for interior or exterior use which we hold in stock.

Our balustrade components provide elegant solutions for even the most complicated installations. Our stainless components are completely modular and do not need any welding, grinding or polishing on site.

Using interchangeable components, our system offers the flexibility to design a professional and secure balustrade. This, backed with our ability to manufacture bespoke toughened glass balustrade panels, makes us your "One Stop Shop" for all your balustrade requirements.

Post & Clamp System

Posts Interior or Exterior



Post shown with clamps for display purposes only, clamps must be ordered separately.



POST WITH HOLES USED FOR GLASS CLAMPS-ONE SIDE

Stock No.	Ø (mm)
J581648/316	48.3x2.0
J581648/304	48.3x2.0

Exterior
Interior



POST WITH HOLES USED FOR GLASS CLAMPS-180 DEGREE

Stock No.	Ø (mm)
J581748/316	48.3x2.0
J581748/304	48.3x2.0

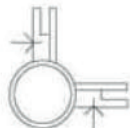
Exterior
Interior



POST WITH HOLES USED FOR GLASS CLAMPS-90 DEGREE

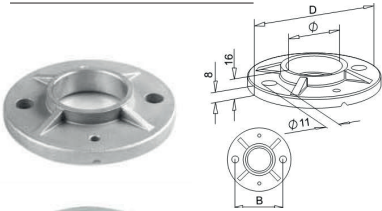
Stock No.	Ø (mm)
J581848/316	48.3x2.0
J581848/304	48.3x2.0

Exterior
Interior



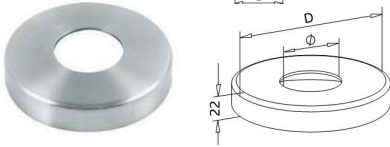
Post & Clamp System

Post Base Plates



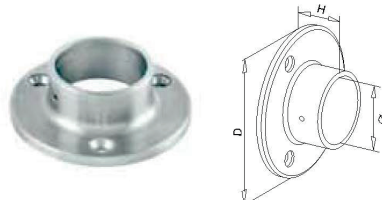
POST-BASE PLATE. INTERIOR OR EXTERIOR

Stock No.	Ø	D	B
	(mm)	(mm)	(mm)
J101648/316	48.3	Ø100	75



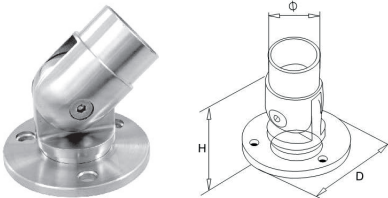
POST-BASE COVER PLATE. INTERIOR OR EXTERIOR

Stock No.	Ø	D	WALL
	(mm)	(mm)	(mm)
E050636/316	48.3	Ø105	1.5



ROUND FLANGE. INTERIOR OR EXTERIOR

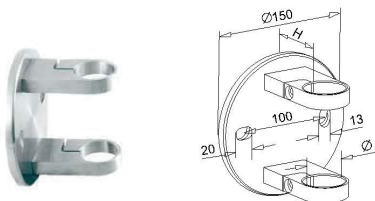
Stock No.	Ø	H	D
	(mm)	(mm)	(mm)
J050148/316	48.3	28	95



ARTICULATED ELBOW BASE PLATE. INTERIOR OR EXTERIOR

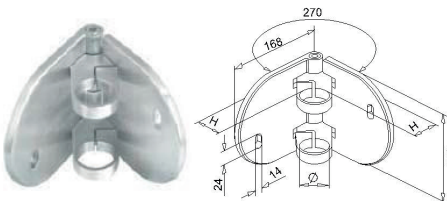
Stock No.	Ø	H	D
	(mm)	(mm)	(mm)
E031826/316	48.3x2	70	100

Side Fix Post Brackets



ROUND WALL BRACKET. INTERIOR OR EXTERIOR

Stock No.	Ø	H
	(mm)	(mm)
J051148/316	48.3	45



HINGE WALL BRACKET. INTERIOR OR EXTERIOR

Stock No.	Ø	H
	(mm)	(mm)
J051048/316	48.3	45

Post & Clamp System

Glass Clamps - D Type. Interior or Exterior



G650048/316

SATIN FINISH

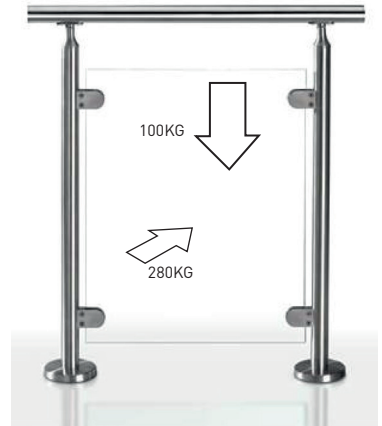
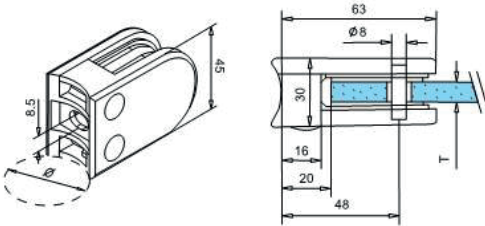
Stock No.	Suit Glass (T) (mm)	Suit Post (Ø) (mm)
G650048/8	8	48.3
G650048/10	10	48.3
G650048/12	12	48.3
G650000/8	8	Flat
G650000/10	10	Flat
G650000/12	12	Flat

MIRROR FINISH

Stock No.	Suit Glass (T) (mm)	Suit Post (Ø) (mm)
G650000M/8	8	Flat
G650000M/10	10	Flat
G650000M/12	12	Flat



G650000/316



Test 1

Maximum permissible vertical force for four glass clamps (without security pin) 100kg.

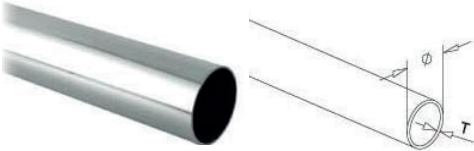


Test 2

When glass is being used in balustrading, staircases or other similar constructions, safety is an important matter when it comes to the combination of glass and glass clamps. According to these rules, the glass clamps must resist a horizontal minimum force of 280kg.

Post & Clamp System

Handrails, Bends, Elbows & Tees

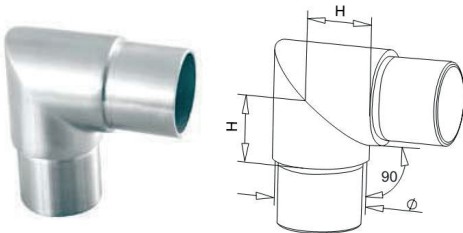


HANDRAIL TUBE. INTERIOR OR EXTERIOR

Stock No.	Ø (mm)
J540148/316	48.3x2.0
J540148/304	48.3x2.0

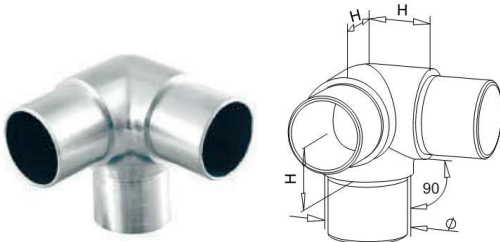
Exterior

Interior



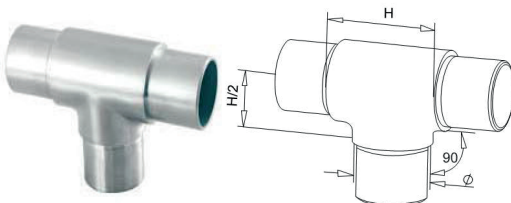
ACUTE ELBOW. INTERIOR OR EXTERIOR

Stock No.	Ø (mm)	H (mm)
J020248/316	48.3x2.0	35



90 DEGREE CORNER TEE. INTERIOR OR EXTERIOR

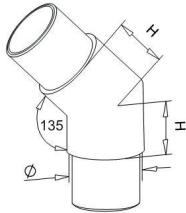
Stock No.	Ø (mm)	H (mm)
J020448/316	48.3x2.0	35



EQUAL TEE PIECE. INTERIOR OR EXTERIOR

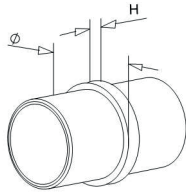
Stock No.	Ø (mm)	H (mm)
J020548/316	48.3x2.0	70

Post & Clamp System



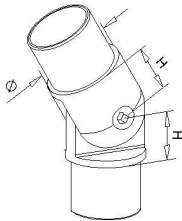
135 DEGREE ELBOW. INTERIOR OR EXTERIOR

Stock No.	Ø	H
	(mm)	(mm)
J020848/316	48.3x2.0	35



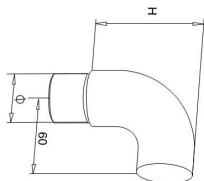
TUBE CONNECTOR. INTERIOR OR EXTERIOR

Stock No.	Ø	H
	(mm)	(mm)
J020648/316	48.3x2.0	6



ADJUSTABLE ELBOW. INTERIOR OR EXTERIOR

Stock No.	Ø	H
	(mm)	(mm)
J020748/316	48.3x2.0	30

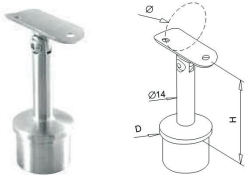


HANDRAIL SCROLL END. INTERIOR OR EXTERIOR

Stock No.	Ø	H
	(mm)	(mm)
J082348/316	48.3x2.0	84

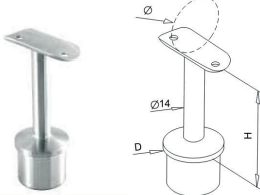
Post & Clamp System

Post Stem Supports



**ADJUSTABLE HANDRAIL SUPPORT TUBE-TUBE.
INTERIOR OR EXTERIOR**

Stock No.	Ø	H	D
	(mm)	(mm)	(mm)
J070748/316	48.3	80	48.3x2.0



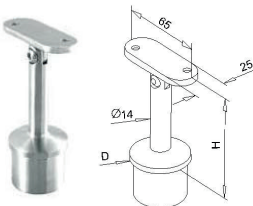
HANDRAIL SUPPORT TUBE-TUBE. INTERIOR OR EXTERIOR

Stock No.	Ø	H	D
	(mm)	(mm)	(mm)
J070348/316	48.3	80	48.3x2.0



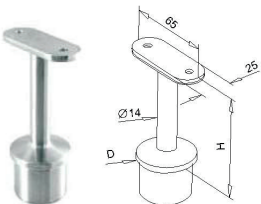
**HANDRAIL SUPPORT TUBE-TUBE 90 DEGREE.
INTERIOR OR EXTERIOR**

Stock No.	Ø	H	D
	(mm)	(mm)	(mm)
J072748/316	48.3	80	48.3x2.0



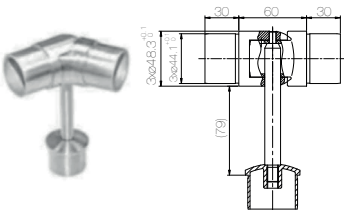
**ADJUSTABLE HANDRAIL SUPPORT FLAT-TUBE.
INTERIOR ONLY**

Stock No.	H	D
	(mm)	(mm)
J070700/304	82	48.3x2.0



HANDRAIL SUPPORT FLAT-TUBE. INTERIOR ONLY

Stock No.	H	D
	(mm)	(mm)
J070300/304	82	48.3x2.0

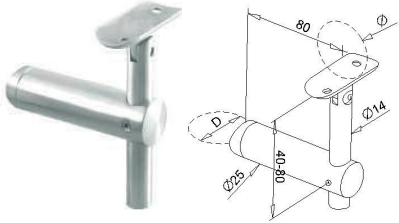


**VARIABLE ANGLE HANDRAIL SUPPORT TUBE TO TUBE BETWEEN
180° AND 135°. INTERIOR OR EXTERIOR**

Stock No.	H	D
	(mm)	(mm)
J071848/316	82	48.3x2.0

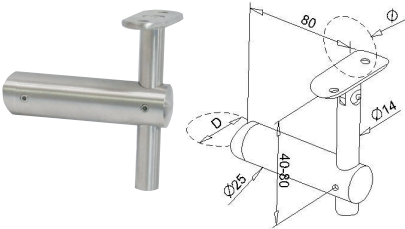
Post & Clamp System

Handrail Brackets



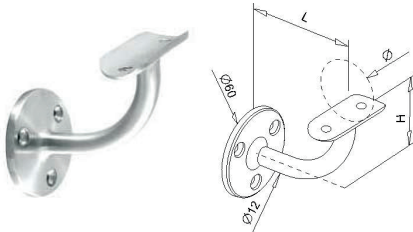
**ADJUSTABLE HANDRAIL TUBE BRACKET - TUBE.
INTERIOR OR EXTERIOR**

Stock No.	Ø (mm)	D (mm)
J090848/316	48.3	48.3



**ADJUSTABLE HANDRAIL TUBE BRACKET - FLAT.
INTERIOR ONLY**

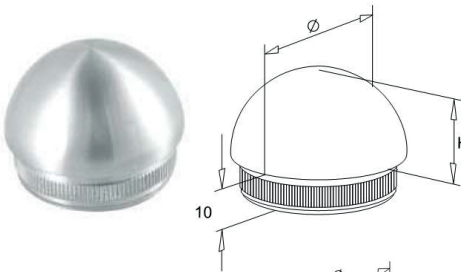
Stock No.	Ø (mm)	D (mm)
J090800/304	Flat	48.3



**HANDRAIL SUPPORT FOR TUBE.
INTERIOR OR EXTERIOR**

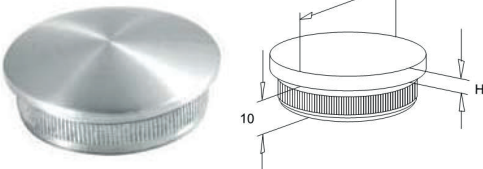
Stock No.	Ø (mm)	L (mm)	H (mm)
J091648/316	48.3	75	50

End Caps



**HALF BALL CURVED END CAP.
INTERIOR OR EXTERIOR**

Stock No.	Ø (mm)	H (mm)
J080348/316	48.3x2.0	24

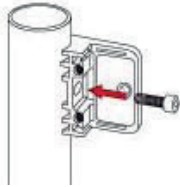


**RADIUSED CURVED END CAP.
INTERIOR OR EXTERIOR**

Stock No.	Ø (mm)	H (mm)
J080248/316	48.3x2.0	6

Post & Clamp System

Accessories



**HEXAGON SOCKET HEAD CAP SCREWS DIN 912.
INTERIOR OR EXTERIOR**

Stock No.	Size (mm)
F033108-20	M8x20



RUBBER GASKET

Stock No.	Suit Glass (mm)
G650008	8
G650010	10
G650012	12



PIN. INTERIOR OR EXTERIOR

Stock No.	Material
G910026	Stainless Steel

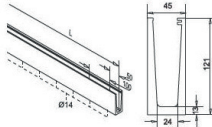


WURTH THREADLOCKER GLUE

Stock No.	Size (GM)
0893 270 050	50

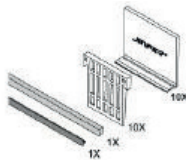
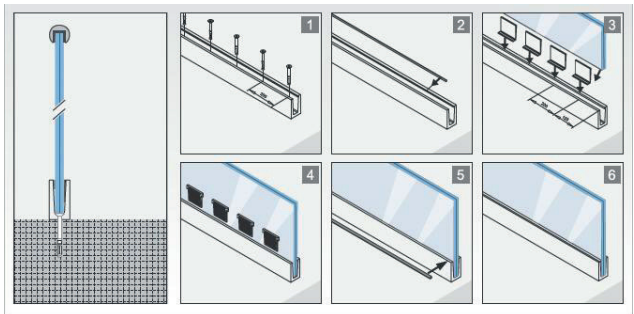
Base Shoe System

Balustrade Glass Channel



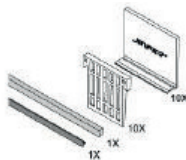
ALUMINIUM STAINLESS STEEL EFFECT
BALUSTRADE BASE SHOE 2500mm LONG.
MAX LOAD 0.5KN FOR 12-15mm GLASS.
INTERIOR OR EXTERIOR.

Stock No.	A3000
-----------	-------



WEDGE/GASKET SET TO BE USED WITH
12MM GLASS IN A3000 BASE SHOE

Stock No.	A34012
-----------	--------

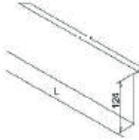


WEDGE/GASKET SET TO BE USED WITH
15MM GLASS IN A3000 BASE SHOE

Stock No.	A34015
-----------	--------

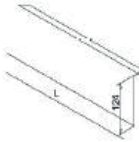
Base Shoe System

Balustrade Base Shoe Cladding



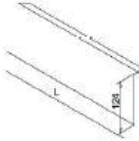
316 GRADE STAINLESS STEEL LEFT CLADDING FOR USE WITH A3000 BASE SHOE AND 12MM OR 15MM GLASS 2500MM LONG. (Including Gasket). INTERIOR OR EXTERIOR.

Stock No.	A37000316
-----------	-----------



316 GRADE STAINLESS STEEL RIGHT CLADDING FOR USE WITH A3000 BASE SHOE AND 12MM GLASS 2500MM LONG. (Including Gasket). INTERIOR OR EXTERIOR.

Stock No.	A37012316
-----------	-----------



316 GRADE STAINLESS STEEL RIGHT CLADDING FOR USE WITH A3000 BASE SHOE AND 15MM GLASS 2500MM LONG. (Including Gasket). INTERIOR OR EXTERIOR.

Stock No.	A37015316
-----------	-----------



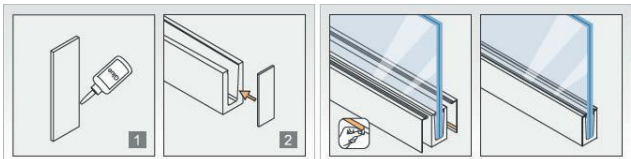
END CAP FOR USE WITH A3000 BASE SHOE WITHOUT CLADDING. INTERIOR OR EXTERIOR.

Stock No.	A36000316	
Size	H (mm)	B (MM)
	121	45



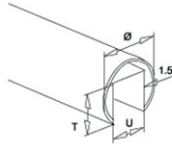
END CAP FOR USE WITH A3000 BASE SHOE WITH CLADDING. INTERIOR OR EXTERIOR.

Stock No.	A36001316	
Size	H (mm)	B (MM)
	121	50



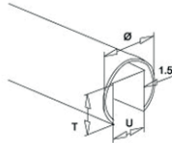
Base Shoe System

Slotted Handrail



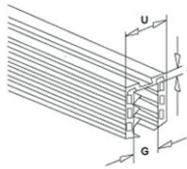
**304 GRADE SLOTTED HANDRAIL
2500MM LONG. INTERIOR.**

Stock No.	Ø	U	T	L
J545348304	(mm)	(mm)	(mm)	(mm)
	48.3 x 1.5	27	30	2500



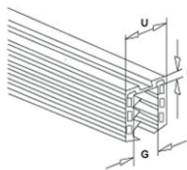
**316 GRADE SLOTTED HANDRAIL
2500MM LONG. EXTERIOR.**

Stock No.	Ø	U	T	L
J545348316	(mm)	(mm)	(mm)	(mm)
	48.3 x 1.5	27	30	2500



**RUBBER GASKET FOR SLOTTED
HANDRAIL WITH 12MM GLASS**

Stock No.	G	U	L
J549211	(mm)	(mm)	(mm)
	12	27	2500

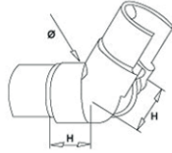


**RUBBER GASKET FOR SLOTTED HANDRAIL
WITH 15MM GLASS**

Stock No.	G	U	L
J549215	(mm)	(mm)	(mm)
	15	27	2500

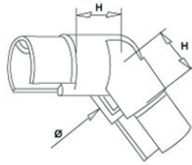
Base Shoe System

Slotted Handrail Bends And Elbows



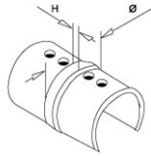
ADJUSTABLE UPWARDS ELBOW FOR SLOTTED HANDRAIL. (25-55 DEGREES) INTERIOR OR EXTERIOR

Stock No.	Ø	H
J110548316	(mm)	(mm)
	48.3 x 1.5	35



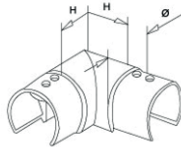
ADJUSTABLE DOWNWARDS ELBOW FOR SLOTTED HANDRAIL. (25-55 DEGREES). INTERIOR OR EXTERIOR

Stock No.	Ø	H
J110648316	(mm)	(mm)
	48.3 x 1.5	35



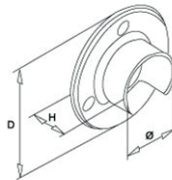
TUBE CONNECTOR FOR SLOTTED HANDRAIL. INTERIOR OR EXTERIOR

Stock No.	Ø	H
J110348316	(mm)	(mm)
	48.3 x 1.5	6



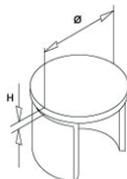
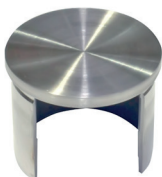
90 DEGREE ELBOW FOR SLOTTED HANDRAIL. INTERIOR OR EXTERIOR

Stock No.	Ø	H
J110248316	(mm)	(mm)
	48.3 x 1.5	35



ROUND FLANGE FOR SLOTTED HANDRAIL. INTERIOR OR EXTERIOR

Stock No.	Ø	H	D
J120148316	(mm)	(mm)	(mm)
	48.3 x 1.5	35	95



FLAT END CAP FOR SLOTTED HANDRAIL. INTERIOR OR EXTERIOR

Stock No.	Ø	H
J140148316	(mm)	(mm)
	48.3 x 1.5	4

Base Shoe System

Tools



MULTI TOOL FOR INSTALLATION / REMOVAL OF WEDGES TO A3000 BASE CHANNEL.

Stock No.	T011200
-----------	---------

Standoff System

Stainless Steel Standoffs



316 STAINLESS STEEL GLASS HOLDERS FOR ATTACHING 10MM, 12MM and 15MM GLASS IN VARIOUS APPLICATIONS. 50MM DIA X 25MM REQUIRES A 22MM DIA HOLE IN THE GLASS. INTERIOR OR EXTERIOR

Stock No.	J0628250C316
-----------	--------------



SCREW FOR ATTACHING STAND OFF TO WOOD - 30MM LONG. INTERIOR OR EXTERIOR

Stock No.	F03326040
-----------	-----------



THREADED ROD, 50MM LONG FOR FIXING STANDOFF INTO STEEL OR CONCRETE. INTERIOR OR EXTERIOR

Stock No.	F03316050
-----------	-----------

We also supply made to measure toughened glass panels suitable for balustrades. 10mm, 12mm or 15mm toughened glass is the most popular choice and can be supplied in rectangles or shaped to suit stairs and landings.

The glass panels are manufactured in our state of the art modern glass factory. We offer competitive prices, coupled with a quick turnaround, making us an ideal choice for the Complete Balustrade Solution.



The Technical Stuff

STAINLESS STEEL POST SYSTEM

- **Posts, Handrails & Fittings** – 48mm diameter brushed stainless steel.
- **Grades** – 304 (Internal) & 316 (External).
- **Posts** – supplied with base plates welded in position.
- **Posts & Handrails** – Options [a] supplied cut to size [b] cut on site [c] site size/mark and we cut.
- **Base Plate** – 2no 11mm dia. holes & 2no 5mm dia. holes all at 75mm centres.
- **Base Fixings** – depends if timber, concrete or steel. Fixings by others.
- **Glass** – 10 or 12mm toughened.
- **Glass Clamps** – fitted to posts with M8 socket head screws. Posts are pre-drilled and tapped to accept the socket screw.
- **Push/Fit Joints** – glued with Wurth thread locker. Joints must be thoroughly cleaned and dried, apply glue evenly wiping off any excess. Propping/taping of joints recommended so joints don't open. Set joints with a hot air gun.
- **Support Tube** – handrail should be drilled and tapped to accept s/s machine screw [by others].
- **Support Pins** – must be used in glass clamps where glass panels are out with overhang past a staircase, floor, landing or similar.

FLOOR CHANNEL SYSTEM

- **Floor Channel** – Aluminium – 45 x 120 x 2500mm long.
- **Glass** – 12 or 15mm Toughened.
- **Fixing Holes** – the base is pre-drilled @ 100mm centres with 13mm diameter countersunk holes.
- **Base Fixings** – depends on floor - timber, concrete or steel. Fixings by others.
- **Cuts** – we can cut the floor channel to length and/or 90 degree mitre corners.
- **White Shoe** – Plastic "L" shoe sits in channel which the glass sits on 10 no. per 2500mm length.
- **Gasket** – insert smaller gasket cover strip to the same side as the white shoe.
- **Glass** – fit glass panels, allow approx 5 to 10mm vertical gap between panels.
- **Corners** – Glass panels, vertical edge is not mitred. Panels [polished all round] are fitted next to each other at corners.
- **Secure Glass** – insert blue wedge to secure the glass panel. 10 no. per 2500mm length. There are two sizes of wedge. One for 12mm glass and one for 15mm glass.
- **Tighten** – there is a special tool to tighten the wedge. The tool is placed on the wedge which is then struck by a hammer on the disc strike plate. This avoids hitting the glass.
- **Gasket** – insert gasket cover strip.
- **Cover Plates** – brushed stainless steel [grade 316]. There are two sizes of top lip to accommodate the 12mm or 15mm glass dimension. Plates are secured with two prefixed self adhesive strips on the back face. There is one size of cover plate for the other side regardless of glass thickness.
- **End Caps** – stainless steel, glued in place.

HANDRAIL

- **Handrail and Fittings** – stainless steel, grades 304 and 316.
- **Rubber Insert** – this fits inside the handrail which is then fitted to the top of the panel. Two sizes, one for 12mm and one for 15mm glass.
- **Connections** – there are a variety of handrail connection components which are all brushed stainless steel – tube connector, end caps, flange ends, adjustable elbows for up & down angles, 90 degree elbows. Joints are glued with threadlocker glue, which we can supply.

MAINTENANCE

Stainless steel is not generally maintenance free. A light and regular wash is best to remove deposits (such as salt) which can cause staining. As a guide, stainless steel should be washed if the glass requires cleaned. For best results wash with warm soapy water, rinse well and wipe dry.

IT IS ESSENTIAL THAT ABRASIVE CLEANERS OR THOSE CONTAINING CHLORIDES OR BLEACH ARE NOT USED AS THEY WILL DAMAGE THE SURFACE

REGULATIONS

We advise you check with Building Control for local rules and regulations.

SEE "PRODUCT INSTALLATION VIDEOS" ON OUR WEBSITE FOR "HOW TO FIT A GLASS BALUSTRADE SYSTEM"

