

Elegance Glass Balustrade System

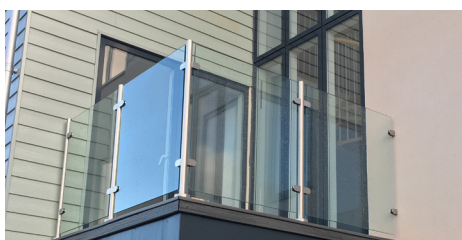


Add a unique mark on the great outdoors and complement your balcony, patio or decking area with our durable Elegance Glass Balustrade System.

Stylish, modern design

Sturdy stainless steel cylindrical posts

- Mirror polished or brushed satin finish
- Toughened or laminated glass
- Clear, frosted or a choice of colours
- Gates available
- Face-fixed option



SHS

BALUSTRADES AND GLASS

GET IN TOUCH

Call **01922 743842** to speak to a SHS specialist or visit www.shsproducts.co.uk to receive an instant online quote.



STRENGTH TESTED
CERTIFICATION AVAILABLE

**MADE IN
BRITAIN** 

Elegance

Glass Balustrade

Durable strength meets inspired living with the SHS Elegance Balustrade System. Create a truly unique experience with clean lines, modern design and custom finishes.

Ideal system for:

- Balconies and patios
- Gardens
- Decking areas
- Pool safety fencing
- Internal walkways

Opt for straight-forward self-assembly or take advantage of our in-house surveyors, CAD technicians and full installation team.

Maximum Centres	1200mm	Base Plates Available	100mm diameter/105mm base cover 120mm diameter/125mm base cover
Post Finishes	Mirror polished Brushed satin	Standard Height (To top of post)	1100mm, bespoke sizes available
Material Grades	Grade 316 (external)	Compatible Fixings	Wood, metal, brick or concrete
Glass Options	Coloured (10mm and 12mm), clear or frosted	Post Construction	Welded base plate, glass clamps and end cap to top, base plate cover
Tube Diameters	42.4mm 48.3mm	Glass Thickness	10mm toughened 12mm toughened 10.76mm laminated



Bespoke design



24h shipping*



UK manufactured



Price match guarantee**

"I'd like to formally congratulate what can only be described as an excellent company, the whole customer experience from start to finish has been absolutely first class, every person I've had contact with have been extremely helpful and obliging." – Paul

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*on specific stock items. Please call for further information. **SHS Products will match any genuine like for like quote.

View our full product range at **www.shsproducts.co.uk**

Leading the way in balustrade and glass systems

SHS are the leading manufacturer, supplier and installer of balustrade and glass systems in the UK. We deliver top quality solutions that align with our customers' needs.

Fully customisable systems

We provide cost-effective solutions featuring exceptional safety and stunning design, with a wide range of sizes and grades of aluminium, steel, and customisable finishes. Most systems are fully customisable with the flexibility to go around corners and stairways, making it simple to bring unique projects to life.

Experience customer care

We have a robust and varied portfolio that spans the whole of the UK, from domestic homeowners to large scale commercial builders. We are fully committed to our customers and deliver the highest standards of service from initial contact to installation and completion. It's this genuine care and knowledge-based guidance that sets us apart.



“We installed our balustrade 18 months ago and it still looks amazing. We live by the coast and wanted to keep the magnificent view as well as have a strong safe barrier around our terrace area. It has been fantastic through all the severe winter and summer weather.” – Nick G

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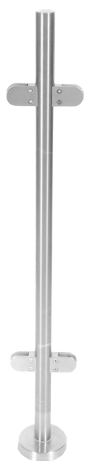


View our full product range at www.shsproducts.co.uk



Components

All components are also available in 48.3mm diameter.



Mid Post

Product Code	Ø	H	Grade
PEC.122.CR.16.S	42.4mm	1100mm	316



End Post

Product Code	Ø	H	Grade
PEC.122.ED.16.S	42.4mm	1100mm	316



Corner Post

Product Code	Ø	H	Grade
PEC.122.MD.16.S	42.4mm	1100mm	316

Face-Fix Clamp

Product Code	Ø
UC.002.03.16.S	42.4mm

48mm bracket available



Glass Clamp - Flat back

Product Code	Grade
GC.201.XX.16.S	316



Scotch-Brite Cloth

Product Code
SBC.103

Stainless Steel Cleaning Fluid 400ml

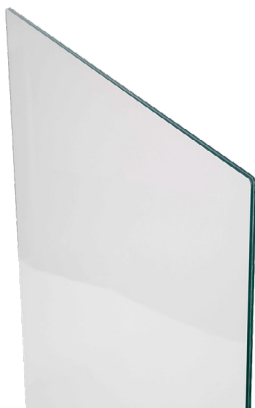
Product Code
CL.100





Toughened Glass Panel

Product Code	D	H	W
GL.010.T	10mm	1020mm	1000mm
GL.012.T	12mm	1020mm	1000mm



Toughened Laminated Glass Panel

Product Code	D	H	W
GL.076.L	10.76mm	1020mm	1000mm



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Note: All stainless steel products supplied are satin finished. If mirror finish is required please call for assistance.





How to measure your balustrade

- 1** Sketch a bird's eye view of your project area.
- 2** Measure and record the outside edge of your project area or substructure.
- 3** Use your recorded measurements to obtain an **instant online quote** via our website or send your drawing to sales@shsproducts.co.uk to start the conversation with an SHS systems specialist.



Video Guides

www.youtube.com/shslimited/videos



You must fit the system to a **solid structure**



It is essential that you fit your SHS balustrade system to a solid sub-structure made of durable materials. We cannot be held liable for the system being structurally unsound if it is fitted to an unsuitable sub-structure. If you are unsure about the durability of your sub-structure, please contact our technical team on **01922 743842**.

The fixtures required for your system will vary depending on the ground or wall you are fitting it to. A few typical examples include:

Material	Suggested Fixtures*
Wood	Coach screws or coach bolts
Metal	Nuts and bolts, drill and tap steel
Brick/Concrete	Anchor bolts, thunder bolts or threaded bar and resin

*These fixtures are purely a guide and are not suitable for every application.



Please do not arrange for installers until all of your items have arrived and been thoroughly checked.

How to measure your glass

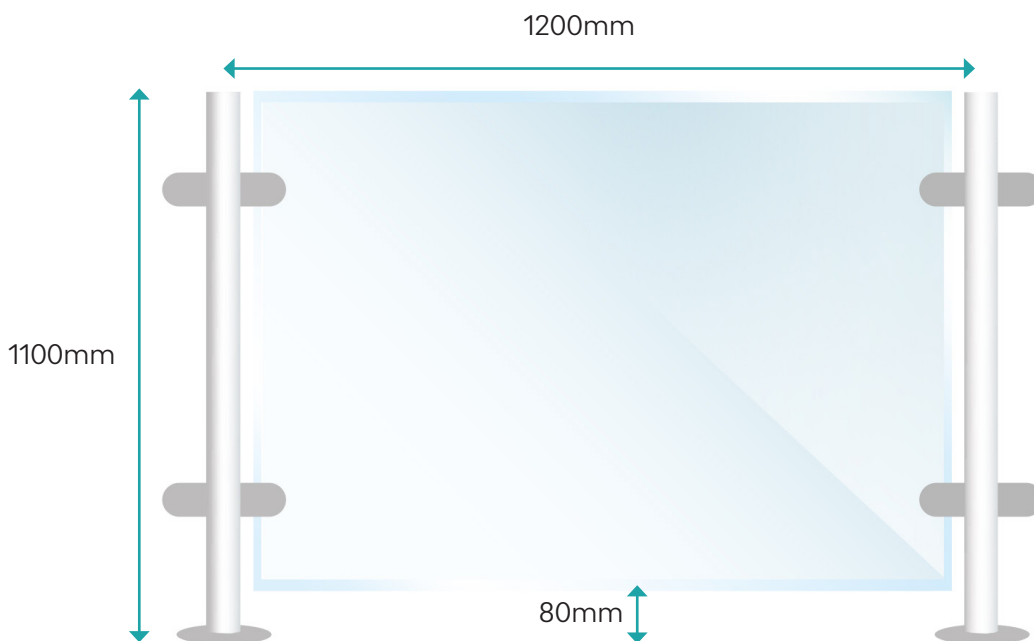
Height

The top of the glass stops at the top of the post. The bottom of the glass stops 80mm above the bottom of the post.

Width

Measure from the centre of one post to the centre of the adjacent post. Then deduct 90mm to allow for the width of two post halves and the glass clamps. For example:

(Distance between post centres) – (Post tubing and clamp allowance) = Glass Width
1200mm – 90mm = 1110mm



Selecting your glass type

Toughened Glass is five times stronger than regular glass and can withstand temperatures of up to 135degC.

Toughened Laminated Glass is made up of an EVA interlayer sandwiched between two sheets of Toughened Glass. If broken, Toughened Laminated Glass will be held in place by the plastic interlayer, ensuring structural integrity.

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When ordering your glass panels, remember to state the systems application and our advisors will suggest the most suitable glass option for your project.



Installation guide

Items supplied:

- Pre-fabricated posts with welded baseplates and glass clamps
- Base cover
- Glass clamps
- Rubber gaskets

Items needed:

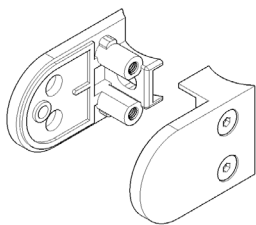
- 6mm Allen key
- 4mm Allen key

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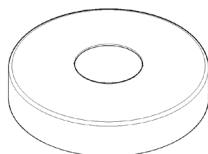
SHS supplies bespoke balustrade systems as well as stock items such as posts.

Assembling your posts

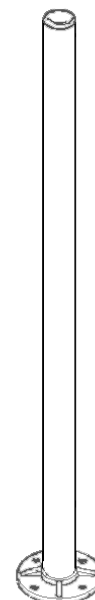
1. Remove the screws from the glass clamps to reveal two halves.
2. Leave these to one side until the glass has been inserted.
3. Repeat this process with all posts.



Glass Clamp



Base Cover



Material	Example of typical fixing method*
Wood	Pilot drill and fix with M8 x 80mm long stainless steel coachscrews
Steel	Drill and tap M8. Fix with 50mm long Hex setscrews and springwashers
Brick/Concrete	Drill to fastening manufacturer instructions and fix with M8 x 100 stainless steel floor anchor fixings. If resin is required, drill your hole 10mm to accommodate an M8 threaded bar and resin.

*These fixing methods are purely a guide and may not be suitable for your application.



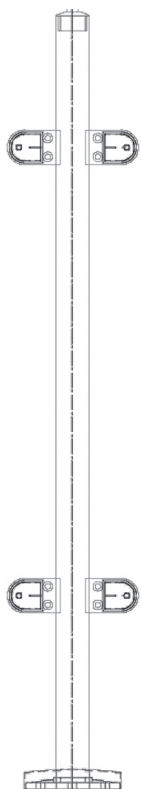
Visual learner? Watch our **3D animated installation videos** at www.youtube.com/shslimited/videos



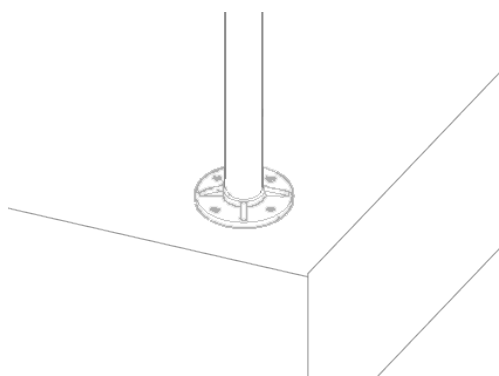
Installing your posts

Items needed:

- Masking tape
- Marker pen
- Spirit level



1. Lay down masking tape where your post will be placed.
2. Place your post on top and slide up your base cover.
3. Mark fixing holes and drill accordingly.
4. Repeat this process for all individual posts as base plate holes may differ from post to post.



5. Once you have positioned your posts and inserted your fixings, tighten them hand tight.
6. Now check your posts with a level. Hold the spirit level where the glass would run as well as at the front and back of the posts.
7. Adjust levelling screws accordingly until the post is level and tighten fixings fully.
8. Once done, repeat this with all other posts.

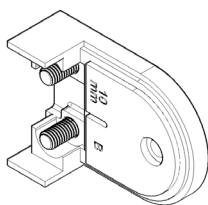
Inserting your glass panels

Items supplied:

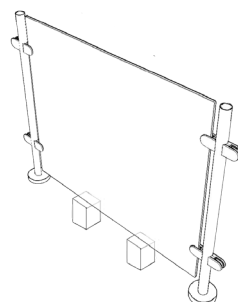
- Glass panels
- Rubber gaskets
- Glass clamps

Items needed:

- 2 x 80mm high wooden blocks
- 6mm Allen key



**Glass Clamp
with Rubber
Gasket**

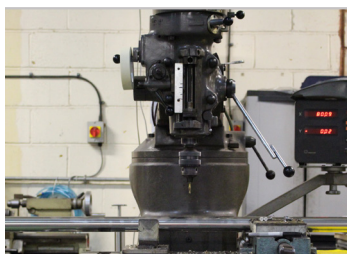


1. Insert the rubber gaskets into both sides of the glass clamp.
2. Place the two 80mm high wood blocks on the floor between the posts.
3. Place the glass panel on the blocks and centralise the glass panel between posts.
4. Place the face of the glass clamps over the part of the glass clamp fitted to the post and replace both screws ensuring these are tight.
5. Repeat this process with all glass panels and clamps.





Surveying



Manufacturing



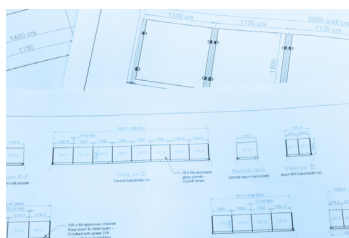
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Drawing



3D Modelling



Domestic



Commercial



Building Regulations
Compliant



STRENGTH TESTED
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View our full range of systems at
www.shsproducts.co.uk