

## Specification Sheet - Posi-Glaze

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**Product:** Posi-Glaze Glass Balustrade  
**Materials:** Aluminium channel anodised to min. 20µm (AA25)  
Aluminium top Bead in stainless steel effect anodised to min. 20µm (AA25)  
Aluminium side cladding in stainless steel effect anodised to min. 20µm (AA25)  
Plastic glass clamps for thickness 12mm through to 21.52mm  
Aluminium clamp bar anodised to 10µm (AA10)  
Trapezoidal bolt 316 Stainless Steel  
Rubber Gasket with Nylon Strip

**Testing:** Meets Local Building Regulations:  
BS 6180:2011 (United Kingdom)  
Eurocode 1 Part 1-1  
NEN 1991-1-1 (Netherlands)  
CTE + UNE 85-238-91 (Spain)  
Avis Technique garde-corps (France)  
2015 International Building Code (USA)  
2015 National Building Code (Canada)

**Safety:** When installing glass balustrade high safety requirements must be met to meet the correct criteria, these are only possible when changing some of the system specifications i.e. glass type and thickness, handrail requirement. Reference must be made to the local building Standards to meet these criteria. Please contact your local building control office or us for assistance on what the criteria is.

**Description:** An adjustable balustrade system available in either base fixed or side fixed variants. Glass is able to tilt allowing for easy alignment for the top of panels. The channels are pre-drilled at 200mm centres, varying bolt centres allow for different loads. Please refer to test reports.  
A variety of glass thicknesses can be used ranging from 12mm to 21.5mm (+/- tolerances), test reports covering several glass thicknesses are available and must be referred to when specifying.  
Additional items/accessories are available:  
Pre-fabricated corners, joining dowels, end caps, BalconySeal™ Waterproof drain block system.  
Handrail options are also available in stainless steel. These are of slot tube design using a rubber gasket to sit on top of the glass.

**Specifying:** All our products are available in CAD/BIM formats. Please find downloads on our website or contact us for CAD files which are required.  
Test certificates are also available online or contact us for specific requirements. We have carried out a vast range of testing at different heights to allow for taller glass panels.

System design loads; 0.36kN, 0.74kN, 1.5kN/m

**Product Ref:** **Posi-Glaze Base Mount Channel – Brushed Silver Anodised Aluminium**  
PGC-0105 – 1500mm Length  
PGC-010 – 3000mm Length  
PGC-016 – 6000mm Length

**Posi-Glaze Base Mount Channel – Brushed Black Anodised Aluminium**  
PGC-0105-BK – 1500mm Length  
PGC-030-BK – 3000mm Length

**Posi-Glaze Side Mount Channel – Natural Anodised Aluminium (cladding below to cover profile holes)**

PGC-0205 – 1500mm Length  
PGC-020 – 3000mm length  
PGC-026 – 6000mm Length

**Posi-Glaze Side Cladding**

PGA-0105 – 1500mm Length – Brushed Silver Anodised Aluminium  
PGA-010 – 3000mm Length – Brushed Silver Anodised Aluminium  
PGA-016 – 6000mm Length – Brushed Silver Anodised Aluminium  
PGA-030-BK – 3000mm Length – Brushed Black Anodised Aluminium  
PGA-010R – 3000mm Length – Mill Finish Aluminium  
PGA-016R – 6000mm Length – Mill Finish Aluminium

**Posi-Glaze Bottom Cladding**

PGA-020 – 3000mm Length – Brushed Silver Anodised Aluminium  
PGA-020R – 3000mm Length – Mill Finish Aluminium

**Posi-Glaze Top Seal Strip**

PGA-0305 – 1500mm Length – Brushed Silver Anodised Aluminium  
PGA-030 – 3000mm Length – Brushed Silver Anodised Aluminium  
PGA-036 – 6000mm Length – Brushed Silver Anodised Aluminium  
PGA-0305 – 1500mm Length – Brushed Black Anodised Aluminium  
PGA-030-BK – 3000mm Length – Brushed Black Anodised Aluminium

PGA-030P – 3000mm Length – Co-Extruded Black PVC with Gasket

**Posi-Glaze Top Seal Strip with Hangover for Cladding Insert**

PGA-030-HO – 3000mm Length – Brushed Silver Anodised

**Posi-Glaze – Glass Clamp Kits for 3000mm**

PGB-0012 – To suit 12mm Toughened Glass  
PGB-0013 – To suit 12.76mm – 13.52mm Toughened Laminate Glass  
PGB-0015 – To suit 15mm Toughened Glass  
PGB-0017 – To suit 16.76mm – 17.52mm Toughened Laminate Glass  
PGB-0019 – To suit 19mm Toughened Glass  
PGB-0021 – To suit 20.76mm – 21.52mm Toughened Laminate Glass  
PGB-0021 – To Suit 20.76mm – 21.52mm Toughened Laminate SentryGlas for 1.5kN Side Fix

**Handrail – Slot Tube - 42.4mm Diameter, 1.5mm wall thickness**

HR42-001 – 1500mm Length – Stainless Steel 316G Satin  
HR42-002 – 3000mm Length – Stainless Steel 316G Satin  
HR42-003 – 6000mm Length – Stainless Steel 316G Satin

HR42M-001 – 1500mm Length – Stainless Steel 316G Mirror Polish  
HR42M-002 – 3000mm Length – Stainless Steel 316G Mirror Polish  
HR42M-003 – 6000mm Length – Stainless Steel 316G Mirror Polish

**Handrail – Gasket for 6000mm**

HR42G-0012 – Gasket Insert for 12mm Glass  
HR42G-0015 – Gasket Insert for 15mm-17.52mm Glass  
HR42G-0019 – Gasket Insert for 19mm-21.52mm Glass

If you have any questions regarding products, fitment options, required specifications or project queries please contact the team on the above contact details.