

# Product Technical Statement



<b>Company;</b>	Protector Premium Pty Ltd				
<b>Product Name;</b>	Architects Choice Mini Chisel with Stainless Steel Friction Fit Handrail Balustrade System				
<b>Type and/ or use of product;</b>	Certified for use as a Glass Balustrade System (when using Architects Choice Balustrade Glass)				
<b>Description of product;</b>	Mini Chisel Post Balustrade System with a Friction Fit Stainless Steel Handrail				
<b>Performance Requirements;</b>	AS/NZS 1170.0:2002 Structural Design Actions	General Principles (Clause 4.2 and Appendix B – Table B1)			
	AS/NZS 1170.1:2002 Structural design actions	Permanent, imposed and other actions (Clause 3.6, Table 3.3)			
	AS/NZS 1170.2:2002 Structural design actions	Structural design actions — Wind actions (incorporating amendments 1, 2, 3, 4 and 5)			
	AS 1288:2021 Glass in buildings Set	Balustrades			
	AS/NZS 2208: 1996 Safety Glazing in Buildings	This Standard applies to all safety glazing materials for use as required by AS 1288.			
	AS 4055:2012 Wind Actions	Wind Speed ULS: 63.37m/s SLS: 53.71 (based on a maximum 1200mm x 970mm span of heat-soaked Glass)			
<b>BCA (2019);</b>	<b>No.</b>	<b>Date</b>	<b>Title</b>	<b>Volume One</b>	<b>Volume Two</b>
	AS/NZS 1170 Part 0	2002	Structural design actions — General principles (incorporating amendments 1, 3 and 4)	BV1 B1.1 Spec B1.2	V2.1.1 3.0.2 3.5.1.0
	AS/NZS 1170 Part 1	2002	Structural design actions — Permanent, imposed and other actions (incorporating amendments 1 and 2)	B 1.2	3.0.3 3.0.4 3.9.1.2 3.9.1.3 3.9.2 3.9.2.3
	AS/NZS 1170 Part 2	2011	Structural design actions- Wind actions	B1.2, B1.4, Spec B1.2, FV1.1, Schedule 3	V2.2.1, 3.0.3, 3.5.1.0, Schedule 3
	AS 1288	2021	Glass in buildings — Selection and installation (incorporating amendments 1, 2 and 3)		

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## Limitations and Conditions

With regards to strength and/or rigidity of Balustrade, this Supplier Statement limits compliance to the following extent:

1	From the results achieved from the Engineers assessment and documentation the deemed to satisfy the loading requirements as per Table 3.3 of AS/NZS 1170-2002 for the following classifications; <ul style="list-style-type: none"> <li>For a Category 'A' Domestic and residential activities- Other Residential (see C3).</li> <li>For a Category 'B, E' Offices and work areas not included elsewhere including storage areas- Fixed platforms, walkways, stairways and ladders for access (see NOTE 2).</li> <li>For a Category 'C3" Areas without obstacles for moving people and not susceptible to overcrowding- Stairs, landings, external balconies, edges of roofs etc.</li> </ul>	
	Note	All classifications with equal or lower load specifications may be applied to this sample. For more information as to their specific use please see Table 3.3 of AS/NZS 1170.1-2002
	Note 2	This usage (under B,E) is for access to and safe working places normally used by operation, inspection, maintenance and services personnel.
2	Note	The Architects Choice Balustrade System is not designed to fulfil Pool Fencing requirements for AS1926.1:2012
3	Note	When referring to GRG Consulting Engineers Drawing Number 20-3169-001 the Maximum Installation Height is 4 meters and span of system 3756mm (using the friction fit Stainless Steel Handrail)
4	Note	The referenced fixings in the BVT Report 20110930-02B require "Specific design required for overall size." (This report does not cater to site specific requirements and it is the responsibility of the installer to ensure fixings used will fulfil performance requirements for the relevant States and Territories within Australia)
5	Note	All information, details or designs portrayed in this document remain the copyright of PCME Certifications (unless PCME Certifications has expressly agreed otherwise with the Client or any users of this document). Any reproduction of this Product Technical Statement Format or contents without the express permission of PCME Certifications is prohibited.
6	This Product Technical Statement is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Product Technical Statement is outside of this documents scope and the installation of the certified product/ system will not be covered by this PCME Supplier Statement. This may result in product being classified as a non-conforming building product/ system.	

## Product Technical Data

<b>Building Classification/s;</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
<b>Type and intended use of a product;</b>	As per Page 1 (Protector Premium Product Technical Statement)
<b>Description of product;</b>	Architects Choice Glass Balustrade
<b>Product specification;</b>	As per AS/NZS 1170.0 Wind Actions This barrier is suitable for wind speeds ULS: 63.37m/s SLS: 53.71 m/s As per AS/NZS 1170.1 Table 3.3; Type A Type B & E Type C3 As per AS/NZS 1170.2 Region B, Terrain Category 1

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## Glass Balustrade Panels

AC1442	Heat-Soaked Glass Balustrade Panel 1300W x 970H 12mm
AC1449	Heat-Soaked Glass Balustrade Panel 1200W x 970H 12mm
AC1456	Heat-Soaked Glass Balustrade Panel 1100W x 970H 12mm
AC1463	Heat-Soaked Glass Balustrade Panel 1000W x 970H 12mm
AC1470	Heat-Soaked Glass Balustrade Panel 900W x 970H 12mm
AC1477	Heat-Soaked Glass Balustrade Panel 800W x 970H 12mm
AC1484	Heat-Soaked Glass Balustrade Panel 700W x 970H 12mm
AC1694	Heat-Soaked Glass Balustrade Panel 600W x 970H 12mm

**Architects Choice Glass Balustrade Glazing Mark (Ref. AS 1288-2021);**  
**5.23 Identification of Safety Glass; and**  
**5.23.3 Minimum Marking Requirements;**



## Architects Choice Mini Post (AC1127), (AC1134), (AC1141), (AC1148)



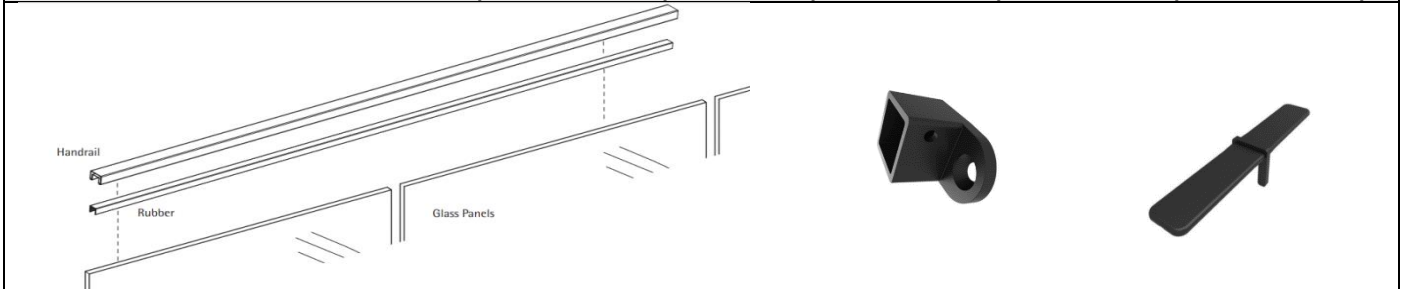
## Architects Choice Slimline Spigot(AC1155), (AC1169)



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## Friction Fit Stainless Steel Handrail (AC-1379/ 1365), Brackets (AC-1421/ 1414) and Joiners (AC-1423/ 1418)



<b>Installation requirements;</b>	<p>Installations of these products are outside the scope of this Product Technical Statement. Each State in Australia has its own regulations regarding balustrade and must be installed in accordance to the relevant Structural/ Civil Engineers specifications, Building Codes, Australian/ New Zealand Standards, Regulations and Legislations.</p> <p>It is recommended that this product be installed by a suitably qualified tradesperson. The finished balustrade must be inspected and approved by a certified Building Inspector/ Surveyor or Building Authority.</p>
	<p>1. General information on the installation of this product can be found at:  <a href="https://thearchitectschoice.com.au/diy-installation-guide-glass-balustrade/">https://thearchitectschoice.com.au/diy-installation-guide-glass-balustrade/</a></p>
	<p>2. How to Set Out Mini Posts  <a href="https://thearchitectschoice.com.au/wp-content/uploads/diy-installation-guides/AC_MiniPostinstall_Landscape.pdf">https://thearchitectschoice.com.au/wp-content/uploads/diy-installation-guides/AC_MiniPostinstall_Landscape.pdf</a></p>
	<p>3. Friction Fit Handrail Installation  <a href="https://thearchitectschoice.com.au/wp-content/uploads/diy-installation-guides/AC_HandrailFFninstall_Landscape.pdf">https://thearchitectschoice.com.au/wp-content/uploads/diy-installation-guides/AC_HandrailFFninstall_Landscape.pdf</a></p>
	<p>4. Maintenance  <a href="https://thearchitectschoice.com.au/diy-installation-guide-glass-balustrade/#maintenance">https://thearchitectschoice.com.au/diy-installation-guide-glass-balustrade/#maintenance</a></p>
	<p>5. Warranty Information  <a href="https://thearchitectschoice.com.au/warranty-information/">https://thearchitectschoice.com.au/warranty-information/</a></p>

Evaluation Statements	
<b>Evaluation methods;</b>	<p>PCME Certifications has followed the following procedures for compiling of Everton Balustrade Supplier Statement;</p> <ul style="list-style-type: none"> <li>- Assessment of the Protector Premium products</li> <li>- Assessing a product quality plan for the Protector Group (Protector Premium Pty Ltd) that conforms to ISO10005; and</li> <li>- Reviewing testing of samples supplied to ascertain whether the product meets the performance requirements specified on this Technical Statement</li> </ul>

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**Note;** The Product Technical Statement Holder has chosen not to make the above evidence of compliance publicly available, due to the documents being considered commercial confidence. For validation of the mentioned test reports Building Authority must contact the Technical Statement Holder directly.

## Reports;

- a) BVT Engineers- Matt Bishop  
BE(Hons), CPEng, CEngNZ, IntPE  
RPEQ: 22712

Certificate of Compliance for proposed Design Work  
ABCB Clause B1: Structure – Design of Balustrade Systems

Issued by: BVT Consulting Ltd  
To: Protector Aluminium

In Respect of: Design of Frameless Balustrade as per BVT Report 21031331-02C

Date: 8<sup>th</sup> October 2021  
Result: PASS

- b) GRG Consulting Engineers- Gary Gibson  
RPEQ: 07587  
CPEng: 1302262  
RBP Civil: EC41474  
RBP Mech: EM41473  
Project No: 20-3169

Balustrade Spigot Certification  
General Arrangement 3 x 1200mm Panels

Drawing Number: 20-3169-001

- c) SAI Global AS/NZS 2208 Glazing Certificate  
Standardsmark Licence;

Everton Australia Pty Ltd

Glass Outlet BNE Pty Ltd

Certificate Number: SMK 40802  
Expires: 15th January 2023

Certificate Number: SMK 40883  
Expires:

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## Scope of Supplier Technical Statement:

The PCME (Product Compliance Made Easy) Product Technical Statement is to confirm that the relevant requirements of the Building Code of Australia (BCA) as claimed have been met. The responsibility for the product performance and its fitness for the intended use remain with the Supplier Technical Statement Holder. PCME Certification ensures all requirements to be classed as "Product Technical Statement", as per the National Construction Code for demonstrating compliance are fulfilled.

## Disclaimer:

The scheme Owner, Scheme Administrator do not make any representations, warranties or guarantees, and accepts no legal liability whatsoever arising from or connected to, the accuracy, reliability, currency or completeness of any material contained within this certificate; the Scheme Owner, Scheme Administrator disclaim to the extent permitted by law, all liability (including negligence) for any claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Supplier Technical Statement.

**Note:** This Product Technical Statement is only valid when reproduced in its entirety.

*Stefan Ossenberg*

A handwritten signature in blue ink, appearing to read 'Stefan Ossenberg', is written over a light blue circular stamp.

PCME Certifications Representative Name

Signature

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