

Juralco Edgetec Matador Mini Post Balustrade System

BPIR Declaration

Version: 9-23 v1

Designated building product: Class 2

Declaration

A & T Glass & Glazing Limited trading as HomePlus Taupo has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

Name	Juralco Edgetec Matador Mini Post Balustrade System
Line	
Identifier	

Description

The Juralco Edgetec Matador® Mini Post Balustrade is a Top Mounted Frameless Glass System using 2205 Duplex Stainless Steel Posts clamping 12mm Toughened Glass and 13.52mm SentryGlas™ Panels. The system is especially suited to for Swimming Pool Fencing but is also extremely versatile and can be custom-made in a range of configurations. Designed as a structural barrier with or without a handrail for the purpose of preventing a fall of over 1m to comply with Clause F4.

Scope of use

- Matador® Mini Post Balustrade is for Domestic and Residential Occupancy types A, A Other and C3 Residential only Occupancy Types as per AS/NZ 1170.1.2002
- Suitable for both balustrading and pool fencing
- Up to Very High Wind Zone

Conditions of use

- Only extrusions, components and hardware supplied by or specified by JABP may be used in the Juralco Edgetec Matador® Mini Post Balustrade System
- Aluminium extrusions, components, and hardware – unless specified are manufactured to 6060 T5 specifications.
- Stainless Steel components, hardware, fixings – all components SS 316 or Duplex 2205 grades.
- Glass - all glass used in the Juralco Matador Mini Post Balustrade System must conform to the specifications as listed in the Edgetec® Juralco Matador Mini Post Balustrade System manual with each panel conforming to AS/NZS 2208 as confirmed Edgetec® by the Safety Stamp detailing the manufacturer's description and licence number.
- The Juralco Matador Mini Post Balustrade System must only be installed in accordance with the Edgetec® Juralco Edgetec Matador® Mini Post Balustrade System manual.
- Any deviation from that specified in the Juralco Matador Mini Post Balustrade System manual must only be in accordance Edgetec® with the site-specific PS1 with site-specific calculations and drawings listing the non-standard details.
- The Juralco Matador Mini Post Balustrade System must only be fabricated/installed by a Juralco-approved fabricator Edgetec®
- Upon completion of the installation, the fabricator must supply the owner with a PS3 (Construction).

Relevant building code clauses

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (c, f, h, j, m), B1.3.4

B2 Durability — B2.3.1 (a), B2.3.2 (a, b)

D1 Access Routes — D1.3.3 (j, k)

F2 Hazardous building materials — F2.3.1, F2.3.3

F4 Safety from falling — F4.3.1

F9 Means of restricting access to residential pools — F9.3.1, F9.3.3

Contributions to compliance

NZBC Compliance

- The Juralco Matador Mini Post Balustrade System has been reviewed by Lautrec Technology Group Ltd Edgetec® to demonstrate compliance with the structural requirements of the New Zealand Building Code and NZS 1170: 2002 occupancy A, B, E, A Other and C3, NZS 3604 for Low, Medium, High, and up to Very High Wind Zones.
- The Structural Engineering design includes the requirements of B1 Structure, B2 Durability, F2 Hazardous material, and F4 Safety from falling, all from the Building Code.
- Verification Method B1 / VM1, B2/AS1, F4 / AS1
- All glass used in the Juralco Matador Mini Post Balustrade System must conform to AS/NZS 2208. Edgetec® Complies with NZS 4223.3.2016
- Separation of dissimilar materials (as relates to B2 compliance) has been reviewed. For other combinations refer to NZS 3604:2011 Section 2.3.3 Separation and Section 4 Durability

Supporting documentation

The following additional documentation supports the above statements:

BA Edgetec Matador Mini Post Balustrade	9-23 v1	https://www.homeplus.co.nz/assets/Uploads/Eboss/BA-Edgetec-Matador-Mini-Post-Balustrade-9-23-v1.pdf
Producer Statement Request	9-23 v1	https://ps1.homeplus.co.nz/
HomePlus Warranty	11 December 2023	https://www.homeplus.co.nz/warranty/
Balustrade Care and Maintenance	9-23 v1	https://www.homeplus.co.nz/warranty/care-and-maintenance/balustrade-care-and-maintenance/

For further information supporting Juralco Edgetec Matador Mini Post Balustrade System claims refer to our website.

Contact details

Manufacture location	New Zealand
Legal and trading name of manufacturer	A & T Glass & Glazing Limited trading as HomePlus Taupo
Manufacturer address for service	26 Oruanui Street, Taupo 3330
Manufacturer website	https://www.homeplus.co.nz/find-us/taupo/
Manufacturer email	taupo@homeplus.co.nz
Manufacturer phone number	07 378 9140
Manufacturer NZBN	9429037882587

Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore, to the best of my knowledge, correct.

Signed for and on behalf of **A & T Glass & Glazing Limited trading as HomePlus Taupo:**

Andrew McCullough

Andrew McCullough
DIRECTOR/OWNER
December 2023

A & T GLASS & GLAZING LIMITED TRADING AS HOMEPLUS TAUPO
26 Oruanui Street, Taupo 3330 New Zealand
07 378 9140 | <https://www.homeplus.co.nz/find-us/taupo/>

Appendix

BPIR Ready selections

Category: Balustrades systems

	Yes	No
Use as pool fencing	x	
Provides an accessible handrail	x	
Use of glass or other brittle material	x	

Building code performance clauses

B1 Structure

B1.3.1

Buildings, building elements and sitework shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during *construction* or *alteration* and throughout their lives.

B1.3.2

Buildings, building elements and sitework shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during *construction* or *alteration* when the *building* is in use.

B1.3.3

Account shall be taken of all physical conditions likely to affect the stability of *buildings, building elements and sitework*, including:

- (c) temperature
- (f) earthquake
- (h) wind
- (j) impact
- (m) differential movement

B1.3.4

Due allowances shall be made for:

- a. the consequences of failure,
- b. the intended use of the *building*,
- c. effects of uncertainties resulting from *construction* activities, or the sequence in which *construction* activities occur,
- d. variation in the properties of materials and the characteristics of the site, and
- e. accuracy limitations inherent in the methods used to predict the stability of *buildings*.

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (a) the life of the building, being not less than 50 years, if: those building elements (including floors, walls, and fixings) provide structural stability to the building, or those building elements are difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during both normal use and maintenance of the building

B2.3.2

Individual *building elements* which are components of a *building* system and are difficult to access or replace must either:

- (a) all have the same durability
- (b) be installed in a manner that permits the replacement of building elements of lesser durability without removing building elements that have greater durability and are not specifically designed for removal and replacement

D1 Access Routes

D1.3.3

Access routes shall:

- (j) have smooth, reachable, and graspable handrails to provide support and to assist with movement along a stair or barrier
- (k) have handrails of adequate strength and rigidity as required by Clause B1 Structure

F2 Hazardous building materials

F2.3.1

The quantities of gas, liquid, radiation, or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

F2.3.3

Glass or other brittle materials with which people are likely to come into contact shall:

- a. if broken on impact, break in a way which is unlikely to cause injury, or
- b. resist a reasonably foreseeable impact without breaking, or
- c. be protected from impact.

F4 Safety from falling

F4.3.1

Where people could fall 1 metre or more from an opening in the external envelope or floor of a *building*, or from a sudden change of level within or associated with a *building*, a barrier shall be provided.

F9 Means of restricting access to residential pools

F9.3.1

Residential pools must have or be provided with physical barriers that restrict access to the pool or the *immediate pool area* by unsupervised young children (i.e., under 5 years of age).

F9.3.3

A barrier surrounding a *pool* must have no permanent objects or projections on the outside that could assist children in negotiating the barrier. Any gates must

- a. open away from the pool; and
- b. not be able to be readily opened by children; and
- c. automatically return to the closed position after use.