

BUILDING CONTROL COMPLIANCE CERTIFICATE

BALUSTRADE ID:	BAL-002	ORDER ID:	
BALUSTRADE SYSTEM:	Aerofoil System glass balustrade 10.82m (2.64m + 5.54m + 2.64m) 1.13m height Above finished floor level with base plate covers Colour finish: Royal Chrome Anodised Glass: 10mm Clear Toughened Handrails to be fixed to the walls/structure at both ends.		
NO. OF VERTICAL POSTS:	2 Nos.		
MAXIMUM POST SPAN:	2100mm		
POSTS TYPE:	Aerofoil Steel primary post using 60 x 24 RHS with 170mm X 150mm Base plate		
MAXIMUM SPAN WITHOUT POSTS:	4000mm		
SYSTEM DRAWING:	(SCAN ME) ->  https://www.balconette.co.uk/glass-balustrade/order-drawing/7bc8c5af-adfa-44c5-8a63-abfb00fa2eac		
STRUCTURAL DESIGN COMPLIANCE:	SERVICE LOAD ON HANDRAIL:	0.74 kN/m - Uniformly distributed line load acting 1100mm above finished floor level.	
	SERVICE LOAD ON INFILL:	1.0 kN/m² - Uniformly distributed load	
	POINT LOAD ON INFILL DESIGN:	0.50 kN - Applied to any part of the glass infill	
	OCCUPANCY CLASS/ES:	▪ Domestic and residential activities - (i) & (ii) ▪ Offices and work areas not included elsewhere -(iii),(iv) & (v) ▪ Areas without obstacles for moving people and not susceptible to overcrowding - (viii) & (ix)	
DESIGN STANDARDS:	The balustrade as shown on these drawings has been designed and manufactured by Balconette and is compliant with the following standards: ▪ BS 6180:2011 British standard: Barriers in and about buildings. ▪ EN 1990 Eurocode 0: Basis of structural design. ▪ EN 1991 Eurocode 1: Actions on structures. ▪ EN 1993 Eurocode 3: Design of steel structures. ▪ EN 1999 Eurocode 9: Design of aluminium structures. ▪ BS EN 1990:2002 + A1:2005 Eurocode: UK National annex for Eurocode ▪ BS EN 1991-1-4:2002 + A1:2010 ‘Actions on structures – wind actions’ ▪ UK National Annex to EN 1991-1-4:2002 + A1:2010 - Guidance on the determination of natural wind actions ▪ Approved Document B – Building regulation - Fire safety. ▪ Approved Document K – Building regulation - Protection from falling, collision and impact. ▪ BS 8579:2020 Guide to the design of balconies and terraces. ▪ Glass panels Kite Marked to BS EN 12600 CE Class 1		
SUPPORTING STRUCTURAL CALCULATION DOCUMENT:	(SCAN ME) ->  https://www.balconette.co.uk/content/uploads/99c07c5f-c04c-476f-8ce8-839ca9ccbd7/b2wlb06112018-aerofoil-(balcony-2)-using-60x24mm-rhs-posts-with-170-x-150-base-plates.pdf		

FIRE RATING

FIRE CLASSIFICATION BALUSTRADE SYSTEM, METAL WORK & POSTS:	A1
FIRE CLASSIFICATION GLASS:	A1
SUPPORTING FIRE CLASSIFICATION CERTIFICATE:	 https://www.balconette.co.uk/content/uploads/25e6613e-7c06-416e-a630-d6a89822534d/13501-classification-report-344b.pdf

FIXING DESIGNS

(IF WALL) WALL FIXING LOADS:	----- PULL OUT (TENSION) ----- SHEAR (if fixings ordered from us, then add "substrate" + fixing type + supporting document)
(IF POSTS) POSTS FIXINGS:	----- PULL OUT (TENSION) ----- SHEAR (if fixings ordered from us, then add "substrate" + fixing type + supporting document)
BOTTOM TRACK FIXINGS:	----- PULL OUT (TENSION) ----- SHEAR (if fixings ordered from us, then add "substrate" + fixing type + supporting document)
SUPPORTING FIXING DOCUMENT:	(Link to Recommended Fixing Sheet available in Website)

DOCUMENT DETAILS**QR CODES (SCAN ME TO READ / FOLLOW THE LINK) ↓**

INSTALLATION GUIDE	 https://www.balconette.co.uk/glass-balustrade/balcony2-balustrade-installation
WARRANTY / GUARANTEE	 https://www.balconette.co.uk/general/balconette-balustrades-10-year-guarantee-information-and-terms-and-conditions
MAINTENANCE / AFTERCARE	 https://www.balconette.co.uk/general/maintenance-and-operation-guidelines-for-glass-balustrades-screens-and-juliette-balconies

USEFUL CONTACTS

For Technical assistance or further product information, including replacement components, please contact our sales department or customer service department.

OFFICE HOURS: Monday – Friday: 8:30 am to 17:30 pm

Customer services	customercare@balconette.co.uk	Tel: 01342 360714
Sales	sales@balconette.co.uk	

NOTES FOR RECIPIENT (IMPORTANT)

THIS CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE

- If you were the person ordering the work, but not the owner or user of the system, you should pass this certificate or a full copy of it including these notes, immediately to the owner or user of the system.
- This certificate has been issued to confirm that the system has been designed, manufactured, inspected, and tested in accordance with above mentioned standards.
- Installers are advised to be aware of the requirement of the supplied system when installing. Any design modification made to the system during installation will not be covered by this certificate.



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