

# TEST CERTIFICATE

## BALUSTRADE TESTING IN ACCORDANCE WITH BRITISH STANDARD BS 6180:2011



On behalf of Bohle Limited,  
Unit 7 Fifth Avenue, Tameside Park Industrial Estate, Dukinfield, Cheshire, SK16 4PP

### BALUSTRADE TESTING STS-UK GROUP LABORATORY

**TEST DESCRIPTION:** A series of tests was undertaken using hydraulics to impose loads to determine the deflection of the balustrade system when assembled. All testing were carried out in accordance with BS 6180:2011. A total of 5 glass clamps were used with a spacing of 200mm between each clamp over a 1000mm glass section.

**REF NO.:** DR-5626  
**JOB NO.:** P10206  
**CERTIFICATE NO.:** IC11342

**DATE TESTED:** 4<sup>th</sup> August 2023  
**CERTIFICATE DATE:** 8<sup>th</sup> August 2023  
**SUPPLIER/SOURCE:** Client

#### TEST DETAILS:

**Product Tested:** Bohle Aluminium Channel  
10mm Toughened, 1.5mm PVB Interlayer  
**Target Load:** 1.50kN/m  
**Test Location:** STS Laboratory  
**Test Number:** Three

**Item Condition:** New  
**Ambient Temperature:** 18°C  
**Procedure or Method:** BS 6180:2011

#### TEST RESULTS:

Test Type	Target Load (kN/m)	Load Achieved (kN/m)	Maximum Displacement (mm)	Classification
UDL	1.50	1.50	24.61	Pass
Infill	1.00	1.00	2.87	Pass
Point	0.50	0.50	3.98	Pass



#### ANALYSIS:

Testing was completed successfully with the balustrade system achieved a loading of 1.50kN/m with a maximum recorded displacement of 24.61mm resulting in a pass. All testing was carried out in accordance with BS 6180:2011.

<b>For Specialist Technical Services (U.K) Limited</b>			The results found on this Certificate relate only to the product[s] tested as described above This Test Certificate shall <u>not</u> be reproduced except in full  QC: TC001 – Test Certificate – v3.0   Page 1 of 1
<b>Approved By:</b>	Andrew Gore		
<b>Position:</b>	Technical Director		
<b>Signature:</b>			

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