### **TEST CERTIFICATE**

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



New

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 DATE TESTED: 4<sup>th</sup> August 2023 JOB NO.: P10206 CERTIFICATE DATE: 8<sup>th</sup> August 2023

CERTIFICATE NO.: IC11342 SUPPLIER/SOURCE: Client

**TEST DETAILS:** 

Product Tested: Bohle Aluminium Channel Item Condition:

10mm Toughened, 1.5mm PVB Interlayer

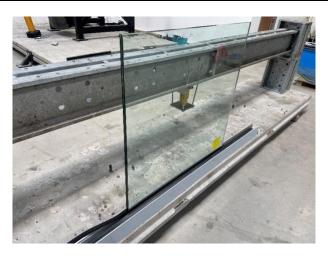
Target Load: 1.50kN/m Ambient Temperature: 18°C

Test Location: STS Laboratory Procedure or Method: BS 6180:2011

Test Number: Three

#### **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.

For Specialist Technical Services (U.K) Limited			
Approved By:	Andrew Gore		
Position:	Technical Director		
	Signature:		



**END OF PAGE** 

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

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Unit D4, Poole Hall Business Park, Poole Hall Road, Ellesmere Port, Cheshire, CH66 1UA, United Kingdom

T: +44 (0) 1244 794 104 F: +44 (0) 1244 794 204

E: Info@sts-group.co.uk

Offices Located at: Chester | Ellesmere Port Website: https://www.sts-group.co.uk



