TEST CERTIFICATE

WIND LOAD TESTING IN ACCORDANCE WITH BRITISH STANDARD BS EN 1991-1-4

On behalf of Concord Glass Limited,
Linx House, Waterloo Road, Mablethorpe, England, LN12 1LE, United Kingdom

SEVERE WIND LOAD TESTING OF ALUMINIUM CHANNEL, STS LABORATORY

TEST DESCRIPTION: A uniformly distributed load was applied to the balustrade glass over an area of 1m² to simulate severe wind loads acting on the balustrade. All testing were carried out in accordance with BS EN 1991-1-4

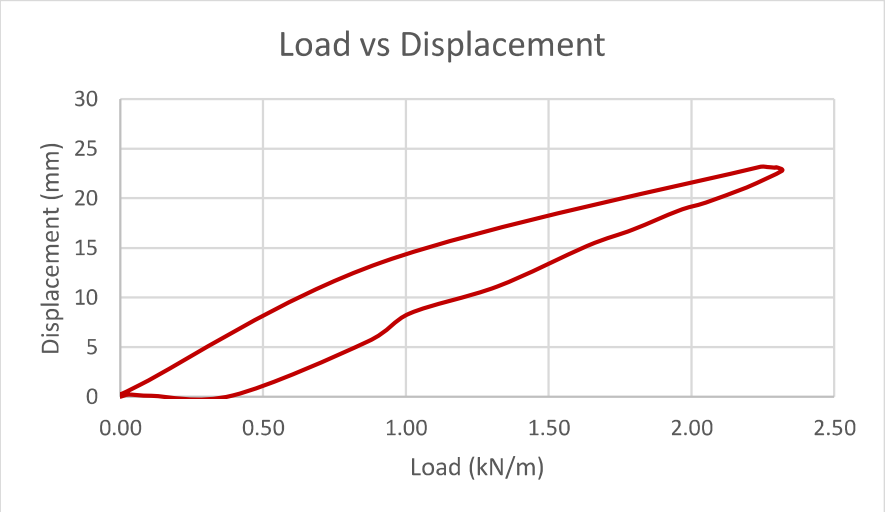
REF NO.:	DR-5493	**DATE TESTED:**	19th August 2022
JOB NO.:	S10142	**CERTIFICATE DATE:**	19th August 2022
CERTIFICATE NO.:	IC10837	**SUPPLIER/SOURCE:**	Client

TEST DETAILS:

Product Tested:	Aluminium Channel & 20.52mm Laminated Glass	Item Condition:	New
Target Load:	1.5kN/m²	Ambient Temperature:	19°C
Test Location:	STS Laboratory	Procedure or Method:	BS EN 1991-1-4
Test Number:	One		

TEST RESULTS:

Target Load (kN/m²)	Load Achieved (kN/m²)	Classification
1.5	1.5	Pass



ANALYSIS:
Testing was completed successfully with the balustrade system achieved a loading of 2.25kN/m² with a maximum recorded displacement of 23.15mm deeming the test a pass in accordance with BS EN 1991-1-4.

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

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