

# TEST CERTIFICATE

## BALUSTRADE TESTING IN ACCORDANCE WITH BS 6180:2011



On behalf of Concord Glass  
Lynx House, Waterloo Road, Marlethorpe, Lincolnshire, LN12 1LE

### HORIZONTAL UDL SURFACE MOUNTED, 1000mm BALUSTRADE

**TEST DESCRIPTION:** A uniformly distributed load was applied to the balustrade system at a height of 1100mm to determine the deflection of the balustrade system when assembled. The balustrade system was installed by the client to their own specification.

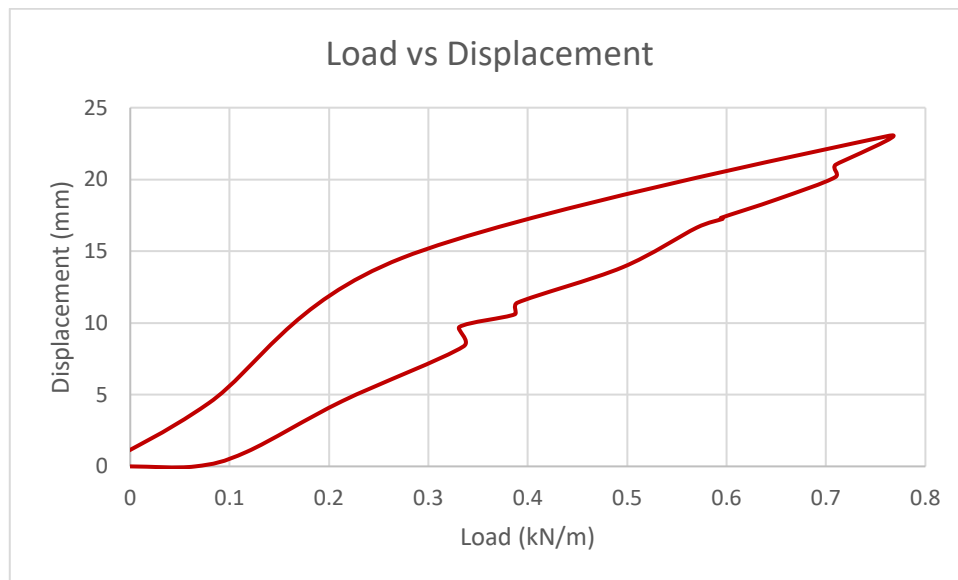
**REF NO.:** DR-5303      **DATE TESTED:** 15<sup>th</sup> February 2021  
**JOB NO.:** P10057      **DATE REPORTED:** 15<sup>th</sup> February 2021  
**CERTIFICATE NO.:** IC9798      **CERTIFICATE DATE:** 15<sup>th</sup> February 2021

**TEST DETAILS:**

Test Location: STS Testing Lab  
Balustrade length: 1000mm  
Details: 1-meter Raising Inox aluminium channel, 17.5mm laminated toughened glass (1000 x 1100mm) with 16.76mm wedges. Fixed into C90 concrete using M10 anchors fixed with Fischer FIS V 360 S resin.

**TEST RESULTS:**

Load (kN/m)	Maximum Displacement (mm)	Maximum Permanent Displacement (mm)
0.74	23.01	0.05



**ANALYSIS:**

The balustrade when assembled and tested in the manor indicated within this certificate conforms to BS6180:2011 the balustrade achieved a loading of 0.74kN/m with a maximum recorded displacement of 23.01mm.

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