

TEST CERTIFICATE

BALUSTRADE TESTING IN ACCORDANCE WITH BS 6180:2011



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

HORIZONTAL UDL TEST

The Smart Fan Glass Balustrade Top Mounted Model 9024

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.

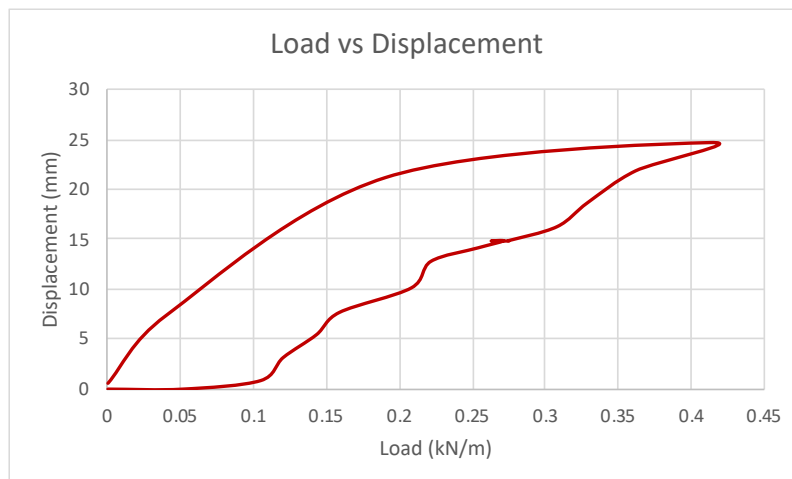
REF NO.: DR-5303 **DATE TESTED:** 14th January 2021
JOB NO.: P10057 **DATE REPORTED:** 15th January 2021
CERTIFICATE NO.: IC9706 **CERTIFICATE DATE:** 15th January 2021

TEST DETAILS:

Test Location: STS Testing Lab
Balustrade length: 1000mm
Details: 1-meter Raising Inox The Smart Fan Glass Balustrade Top Mounted Model 9024, 12mm toughened glass (1000 x 1100mm). 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)
0.36	21.82	0.58



ANALYSIS:

The balustrade when assembled and tested in the manor indicated within this certificate conforms to BS6180:2011 the balustrade achieved a loading of 0.36kN/m with a maximum recorded displacement of 21.82mm.

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