

# TEST CERTIFICATE

## BALUSTRADE TESTING IN ACCORDANCE WITH BS 6180:2011



On behalf of Concorde Glass Limited  
Westbury Court Church Road, Westbury-On-Trym, Bristol, BS9 3EF

### HORIZONTAL UDL, POST NO HANDRAIL, 1100mm BARRIER HEIGHT

**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.

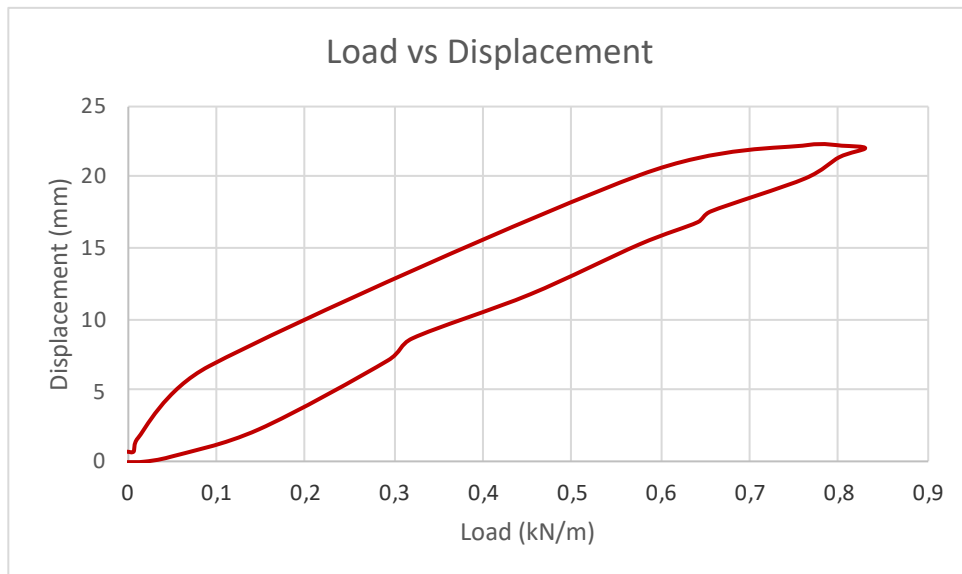
**REF NO.:** DR-5246  
**JOB NO.:** P10014  
**CERTIFICATE NO.:** IC9069

**DATE TESTED:** 27<sup>th</sup> March 2020  
**DATE REPORTED:** 30<sup>th</sup> March 2020  
**CERTIFICATE DATE:** 30<sup>th</sup> March 2020

**TEST DETAILS:**  
Barrier Test Height: 1100mm  
Barrier Test Length: 1200mm  
Test Location: Test 4 – Post No Handrail

#### TEST RESULTS:

Load (kN/m)	Displacement (mm)	Permanent Displacement (mm)
0.74	19.84	0.73



#### ANALYSIS:

The Post No Handrail system when assembled and tested in the manor indicated within this certificate conforms to BS 6180:2011. The balustrade system achieved a loading of 0.74kN/m with a maximum recorded displacement of 19.84mm.

**Approved By:** Andrew Gore  
**Position:** Technical Director