

**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, SIDE MOUNTED POST SYSTEM,**  
**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.

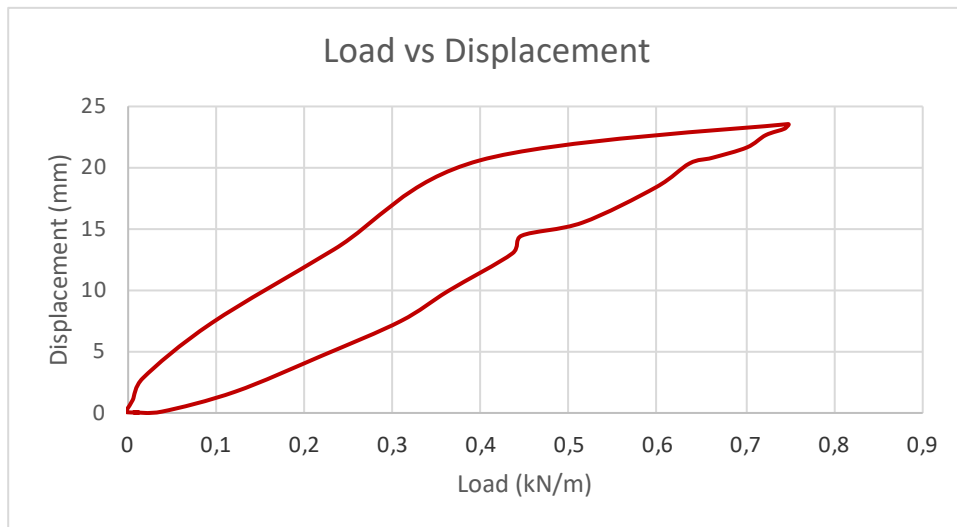
**REF NO.:** DR-5246  
**JOB NO.:** P10014  
**CERTIFICATE NO.:** IC9070

**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 5 – Side Mounted Post System

**TEST RESULTS:**

Load (kN/m)	Displacement (mm)	Permanent Displacement (mm)
0.74	23.17	0.22



**ANALYSIS:**

The Side Mounted Post 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 23.17mm.

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