

Lloyds British div. of Speedy Asset Services
DATE OF ISSUE 25th May 2023

Report No. 0774-10392
Customer: D C Handrails & Ironwork

Test Report of: Proof load testing of Balustrades

1.0 Test Objective to prove:

Proof load testing of Balustrade, comprising of 3 x 42.4mm x 2mm upright posts, 2 x 10mm laminated glass safety panels and 1 x 42.4mm X 3 mtr handrail bolted to concrete floor using 3 x M8 X 75mm fixings. Handrail fixed to uprights using M5 stainless bolts tapped into handrail.

2.0 Name of Test House:

LLOYDS BRITISH
Unit D, Kingsway North.
Team Valley Trading Estate. Gateshead
NE11 0JH

3.0 Accreditation Reference:

BS EN 1263
ISO9001:2008

4.0 Date of test: 25th May 2023

5.0 Witness details: Lloyds British a division of Speedy Services

6.0 Description of item tested: SAME AS SECTION 1.0

7.0 Test type: Point load and 1m line load in accordance with BS6180:2011

8.0 Equipment and Calibration: 6.5 tonne load shackle

9.0 Test Data:

Point Load

Load (Kn)	Deflection (mm)	Permanent set (mm)
0.2	6.50	0
0.4	14.10	0
0.6	19.80	0
0.74	24.50	0

1m Line load

Load (Kn)	Deflection (mm)	Permanent set (mm)
0.2	6.10	0
0.4	13.80	0
0.6	19.40	0
0.74	24.20	0

Date: 25th May 2023

Test conducted by: Lawrence Farrier

Test Conducted on behalf of: D C Handrails & Ironwork

Report reviewed by: Karl Meechan

Test conducted on behalf of:

Lloyds British a div. of Speedy Asset Services, Unit D, Kingsway North, Team Valley Trading Estate, Gateshead, NE11 0JH