



Test Date: 7th May 2015

Juliet Balcony Clamp Railing System Tested To BS6180:2011

Ref: 0036

Components:

CRL Juliet Balcony System: C.R.L Juliet Balcony Wall Fixing Brackets with Cap-Rail.
Glass: 12mm Single Pane Toughened Monolithic Glass / 13.52mm Toughened Laminated Glass.
A Single pane of glass must be used for all widths of Juliet Balconies.
Cap-Rail: 48.3mm Diameter – 1.2mm Minimum Thickness.

Intended Load Resistance: 0.74kN/m Line Load.

Maximum Fixing Spacing: 2400mm Horizontal Centre to Centre Line of Wall Fixing Brackets.
 1100mm Vertical Centre to Centre Line of Wall Fixing Brackets.

Test Sample: 2 x EUGR20J Wall Fixing Brackets installed into 12mm Thick Steel Uprights, secured to a Heavy Steel Framework. A 48.3mm Diameter Cap-Rail Is Secured to the Wall Fixing Brackets at 1910 mm centres.

Test Load Application: Load Applied To Centre of Cap-Rail.

Test Results:

Load	Results:
The equivalent of 0.74kN/m Line Load Applied To Handrail	Deflection 9.4mm
The equivalent of 1.46kN/m Line Load Applied To Handrail	Deflection 14.9mm

Range Of Applicability:

Suitable for Domestic External Guard Rail Applications up to a Maximum Line Load of 0.74kN/m, Installed with Glass Infill Panels of 12mm Single Pane Toughened Monolithic Glass or 13.52mm Toughened Laminated Glass.

Signed

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Witnessed by:
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