

# TEST CERTIFICATE

## BALUSTRADE TESTING IN ACCORDANCE WITH BRITISH STANDARD BS 6180:2011



On behalf of Besan Metal Insaat Taahhut San Ve Dis Tic Ltd STI  
Ikitelli Org. San. Bolgesi, Biksan San. Sitesi A-1 Block No: 25-28, Basaksehir, Istanbul, 3449, Turkey

### BALUSTRADE TESTING STS-UK GROUP LABORATORY

**TEST DESCRIPTION:** A series of tests was undertaken using hydraulics to impose loads to determine the deflection of the balustrade system when assembled. All testing were carried out in accordance with BS 6180:2011.

**REF NO.:** DR-5660 **DATE TESTED:** 8<sup>th</sup> November 2023  
**JOB NO.:** P10218 **CERTIFICATE DATE:** 22<sup>nd</sup> November 2023  
**CERTIFICATE NO.:** IC11433 **SUPPLIER/SOURCE:** Client

**TEST DETAILS:**

**Product Tested:** Kozza Aluminium Channel  
KF1000  
12.52mm Laminated Glass  
**Item Condition:** New

**Target Load:** 0.74kN/m **Ambient Temperature:** 18°C  
**Test Location:** STS Laboratory **Procedure or Method:** BS 6180:2011  
**Test Number:** Two

**TEST RESULTS:**

Test Type	Target Load (kN/m)	Load Achieved (kN/m)	Maximum Displacement (mm)	Classification
UDL	0.74	0.74	24.69	Pass
Infill	1.00	1.00	9.98	Pass
Point	0.50	0.50	18.38	Pass



**ANALYSIS:**

Testing was completed successfully with the balustrade system achieved a loading of 0.74kN/m with a maximum recorded displacement of 24.69mm resulting in a pass. All testing was carried out in accordance with BS 6180:2011.

<b>For Specialist Technical Services (U.K) Limited</b>			The results found on this Certificate relate only to the product[s] tested as described above This Test Certificate shall <u>not</u> be reproduced except in full  QC: TC001 – Test Certificate – v3.0   Page 1 of 1
<b>Approved By:</b>	Andrew Gore		
<b>Position:</b>	Technical Director		
<b>Signature:</b>			

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