

# 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.

<b>REF NO.:</b>	DR-5660	<b>DATE TESTED:</b>	8 <sup>th</sup> November 2023
<b>JOB NO.:</b>	P10218	<b>CERTIFICATE DATE:</b>	22 <sup>nd</sup> November 2023
<b>CERTIFICATE NO.:</b>	IC11436	<b>SUPPLIER/SOURCE:</b>	Client

#### TEST DETAILS:

Product Tested:	Kozza Aluminium Channel KF1000 21.5mm 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:	Five		

#### TEST RESULTS:

Test Type	Target Load (kN/m)	Load Achieved (kN/m)	Maximum Displacement (mm)	Classification
UDL	0.74	0.74	11.55	Pass
Infill	1.00	1.00	4.20	Pass
Point	0.50	0.50	3.15	Pass



#### ANALYSIS:

Testing was completed successfully with the balustrade system achieved a loading of 0.74kN/m with a maximum recorded displacement of 11.55mm 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>			

END OF PAGE

Unit D4, Poole Hall Business Park, Poole Hall Road, Ellesmere Port, Cheshire, CH66 1UA, United Kingdom

T: +44 (0) 1244 794 104 F: +44 (0) 1244 794 204

E: Info@sts-group.co.uk

Offices Located at: Chester | Ellesmere Port

Website: <https://www.sts-group.co.uk>

