

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 th November 2023
JOB NO.:	P10218	CERTIFICATE DATE:	22 nd November 2023
CERTIFICATE NO.:	IC11435	SUPPLIER/SOURCE:	Client

TEST DETAILS:

Product Tested:	Kozza Aluminium Channel KF1000 17.52mm Laminated Glass	Item Condition:	New
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Target Load:	0.74kN/m	Ambient Temperature:	18°C
Test Location:	STS Laboratory	Procedure or Method:	BS 6180:2011
Test Number:	Four		

TEST RESULTS:

Test Type	Target Load (kN/m)	Load Achieved (kN/m)	Maximum Displacement (mm)	Classification
UDL	0.74	0.74	12.08	Pass
Infill	1.00	1.00	4.72	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 12.08mm resulting in a pass. All testing was carried out in accordance with BS 6180:2011.

For Specialist Technical Services (U.K) Limited			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
Approved By:	Andrew Gore		
Position:	Technical Director		
Signature:			

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