SARIS EXTENSIONS

GLASS RAILING SYSTEMS

Certificate ref: GLA-SV45U-2025-01
Issue date: 8 September 2026

CERTIFICATE OF SYSTEM PERFORMANCE

SV-45 U — TOP (FLOOR) MOUNT

SYSTEM IDENTIFICATION

System	SARIS Extensions SV-45 U — frameless glass balustrade
Base profile	Aluminium AW6063-T6, 121 × 45 mm, floor-mounted
Glass fastening	Wedge fixing (wedges + pads)
Tested configuration	H 1100 mm with glass 8.8.4 (8 + 1.14 PVB + 8, tempered)
Production glass builds	Laminated 8.8 / 10.10 (equal or stronger than tested)

TEST BASIS

Testing laboratory	Istituto Giordano S.p.A., Bellaria-Igea Marina (RN), Italy — Accredia-accredited
Test reports	No. 426660 dated 12 March 2025
Standards	NF P01-013:2024 (railing tests — methods and criteria); NF P08-301:1991 (impact resistance of vertical building elements)

RESULTS — RESISTANCE TO OUTWARD HORIZONTAL STATIC LOADING

CONFIGURATION	LOAD	DEFLECTION WHILST LOADED	PERMANENT DEFLECTION	ALLOWED	RESULT
H 1100 · 8.8.4	1.0 kN/m	55.2 mm	2.7 mm	≤ 3.0 mm	**PASS**
H 1100 · 8.8.4 (safety)	1.7 kN/m	91.8 mm	7.5 mm	≤ 8.8 mm	**PASS**

Safety load rows apply the aluminium safety coefficient 1.7 per NF P01-013:2024.

RESULTS — RESISTANCE TO DYNAMIC IMPACT

CONFIGURATION	IMPACT AREA	DROP HEIGHT	ENERGY	RESULT
H 1100 · 8.8.4	centre of infill	1.2 m	600 J	**NO DAMAGE**

50 kg soft-body impactor; no damage and no falling fragments that could cause personal injury.

SARIS Extensions hereby declares that the glass railing system **SV-45 U**, as supplied, corresponds in construction and componentry to the specimens independently tested under the reports referenced above, and is compliant with the requirements of NF P01-013:2024 for a horizontal service line load of **1.0 kN/m** in the tested configurations. The original third-party test reports are available on request.

ISSUED BY
SARIS Extensions — Technical Department

DATE
8 September 2026