GLASS & BLINDS · SAINT-GOBAIN SGG STADIP® SILENCE

Acoustic Laminated Glass

STADIP SILENCE bonds glass to a 3-ply acoustic interlayer that stops the panes resonating. In the right double-glazed unit it can take sound insulation from Rw 33 to as much as Rw 51.

Rw 51	**Rw 42**	**Rw 33**
best double-glazed unit (dB)	8.8SS / 16 / 6 unit	standard 6/16/6 unit

Technical details

Construction	Two or more sheets of clear glass bonded with a 3-ply acoustic PVB interlayer (viscoplastic damping core)
Double-glazed units	Rw 33 dB (6/16/6 standard) · Rw 39 (6/16/6.8SS) · Rw 42 (6/16/8.8SS) · Rw 44 (8/16/10.8SS) · Rw 48 (12.8A/16/8.8SS) · Rw 51 (10.8A/24/14.8SS)
Single pane	Rw 35 dB (6.4) to Rw 45 dB (25.5)
With COOL-LITE	8.8SS/16/6: 60–69% light, g 0.31–0.35, Ug 1.0, P2A, 1(B)1, Rw 42 (-2;-7)
Overhead glazing	Up to 13 dB more insulation against rain noise · interlayer >0.76mm meets overhead requirements
Safety	Laminated: fragments stay bonded · BS EN 12600 · BS 6262-4 · BS 6180 · BS 5516
Security	Anti-bandit builds to BS EN 356 available
Maximum size	6000 x 3210 mm
Combine with	PLANITHERM® · COOL-LITE® · STADIP PROTECT · BIOCLEAN®

Key benefits

- Noticeably quieter rooms near roads, railways and flight paths
- Works best with panes of different thicknesses
- Laminated, so it also stays together when broken
- Can be combined with solar control and low-E coatings

Ideal for

Main roads & motorways · Railways · Flight paths · Town & city centres · Bedrooms & home offices · Noisy roof lanterns

Figures are Saint-Gobain laboratory data for the glass. Real-world results also depend on the frame, seals, vents and installation, so we look at the whole window or door when you tell us about a noise problem.

Talk to us about your project: we work from drawings, measure every opening on site, and fit with our own team.

Manufacturer data. Performance varies with size, glass and configuration, and is confirmed at survey.