

ACOUSTIC GLAZED SLIDER SOLUTIONS



PRODUCT NAME

SLIDE: ACOUSTIC
GLAZED SLIDERS

ACOUSTIC SLIDERS

As the market leader in acoustic design solutions for flexible spaces, Lotus understand the importance the role acoustics play in the education environment and learning outcomes for students. Technically brilliant, the latest innovation is the next generation acoustic slider with market leading acoustics.

The new industry leading Acoustic Slider boasts 30% improvement in the reduction of noise over our current nominal glazed sliders, verified in the CSIRO laboratory*. The ground-breaking Acoustic sliding door system minimises noise disturbance and transmission, separating large and small spaces in an elegant and acoustically effective way.

NEXT GENERATION ACOUSTIC SLIDER WITH MARKET LEADING ACOUSTICS

- Higher acoustic glass – 12.8mm Acoustic Laminated Glass
- Technically brilliant with up to **39Rw** rating
- Independent Acoustic testing at CSIRO
- Acoustic endplates and seal supports to improve architectural finishes and address acoustic leakages
- Acoustic interleaf – provides controlled full-height twin-barrier sealing at door leaf overlaps
- New linear guide system for dual and triple slider
- SABS MOTION™ safe braking patent pending technology
- Handles on laminated glass (if required)



ACOUSTICS

We have completed NATA certified testing at CSIRO acoustic test laboratory and achieved the following results for our **SL80+ Next Generation Acoustic Glass Slider** offer:

- Single Slider inline with Fixed glazed panel on Cavity Track: Up to **39Rw**
- Single Slider inline with Fixed glazed panel on 100-1 Track: Up to **39Rw**
- Dual Module Slider on 100-1 Track: Up to **37Rw**

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Lotus Acoustic Sliding Doors were developed in conjunction with architects to meet the needs of changing open-learning classroom designs and modern teaching pedagogies. They are easy to operate, meet rigorous DDA compliance requirements and are available with Lotus' SABS MOTION™ safe braking, patent pending technology.

NEW Glazed Acoustic Slider with market leading Acoustics (SL80+) - Now Available!

GLAZED ACOUSTIC SLIDER	SL80+ Next Generation	SL80G
Single Slider Acoustic Performance	up to 39Rw	up to 30Rw
Dual / Triple Slider Acoustic Performance	up to 37Rw	up to 28Rw (Acoustic opinion)
Breaking System	SABS Motion™	SABS (original)
Handle Options	Customer Specified Handles Available	Lotus Standard options only

Fixed Glazed Panels are available on all glazed sliders with matching Rw ratings.

Formal Acoustic test reports and supporting documentation will be available on request.

Please note that in addition to independently verifying our acoustic product suites, Lotus offers a free technical advice service and this design assistance helps with compliance to standards and guidelines for your peace of mind.

*Based on the comparison of the new SL80+ tested at Rw39 to the current nominal rates Lotus Sliders tested at Rw30.