

**I Airborne sound insulation**

Technical report no.: 08.2005.6 + 08.2005.7  
Test institute: Nüsing

Client: SOLARLUX Aluminium Systeme GmbH  
Gewerbepark 9-11  
49143 Bissendorf

Product/Component	Five-panel folding façade
Designation	SL 80 / SL 81
Exterior dimensions (W x H)	4140 mm x 2640 mm
(Rahmen) Material	Aluminium / Polyamide composite profiles
Airborne sound insulation index	<b><math>R'_w = 38 \text{ dB}</math></b>
Special features	Akustex 29/38 sound attenuating glass 38 dB Glazing system 4 mm / 15 mm, space between panes 10 mm
Airborne sound insulation index	<b><math>R'_w = 45 \text{ dB}</math></b>
Special features	Akustex LL-35/47 sound attenuating glass 47 dB Glazing system 11 mm GH / 15 mm, space between panes 9 mm GH

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The complete test report is available on request.

