



AcoustiFlex[®] SQ 27, 29, 31

Flexible Noise Barrier

AcoustiFlex[®] SQ is a high performance flexible noise barrier that delivers exceptional acoustics when you need it most. Manufactured in Australia.

- ✓ Group 1 Fire Rating
- ✓ Low VOC's (Less than a recognised threshold of 0.5mg "Green Star")
- ✓ Low cost, long lasting
- ✓ Easy to handle, cut and install



Acoustica's AcoustiFlex[®] SQ (formerly known as AcoustiFlex) noise barrier is highly effective against external noise from aircraft, motor vehicles, rail transportation, neighbouring properties and adjoining offices. Muffles noise at construction sites when hung from an overhead structure or draped over temporary fencing. Available as AcoustiFlex[®] SQ 27, AcoustiFlex[®] SQ 29 and AcoustiFlex[®] SQ 31.

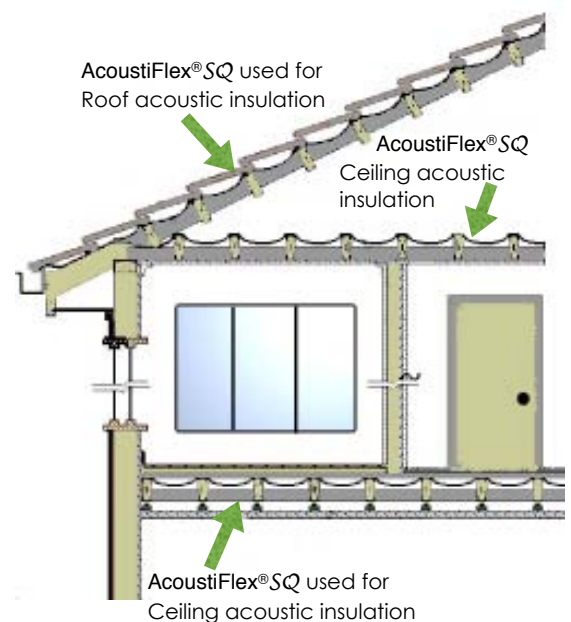
AcoustiFlex[®] SQ consists of a flexible micro-cellular membrane bonded to an aluminium facing foil and reinforced polyester backing.

The AcoustiFlex noise barrier has a matching acoustic performance of **Rw 27** for The AcoustiFlex[®] SQ 27 (Wilkinson & Murray test results following page).

The AcoustiFlex[®] SQ has extremely good sound attenuation over the full frequency spectrum.

Typically the AcoustiFlex[®] SQ 27 achieves the equivalent Rw of the 4kg noise barrier, AcoustiFlex[®] SQ 29 = 6kg noise barrier and AcoustiFlex[®] SQ 31 = 8kg noise barrier.

AcoustiFlex[®] SQ has been certified by the CSIRO Division of Materials Science and Engineering as Group 1 Fire Rated.



Grd Flr, 6A Nelson St
Annandale 2038
NSW Australia

T +61 2 9550 2900
F +61 2 9550 5665
info@acoustica.com.au

www.acoustica.com.au



Distributor Cyprus: M. A. Total Build Ltd
149 Arch. Makarios III Avenue, 3021 Limassol, Cyprus
Email: info@totalbuild.com.cy Tel: +357 99 121841 Fax: +357 25 381403

Features

- ✓ Group 1 Fire Rating
- ✓ Low cost, long lasting
- ✓ 10 year guarantee
- ✓ Low VOCs (Less than a recognised threshold of 0.5mg "Green Star")
- ✓ Easy to handle, cut and install
- ✓ Available in different weights (other sizes/thicknesses available upon request)
- ✓ Environmentally safe (no protective wear required)
- ✓ Made in Australia

Description

AcoustiFlex® SQ flexible noise barrier and vibration damping material, has a soft and cellular structure which increases 'Vibration Dampening' and thus for a given weight and thickness will achieve a better STL (Sound Transmission Loss).

- ✓ Low Volatile Organic Compounds (VOC's)
- ✓ No Plasticisers

Standard Roll dimensions:

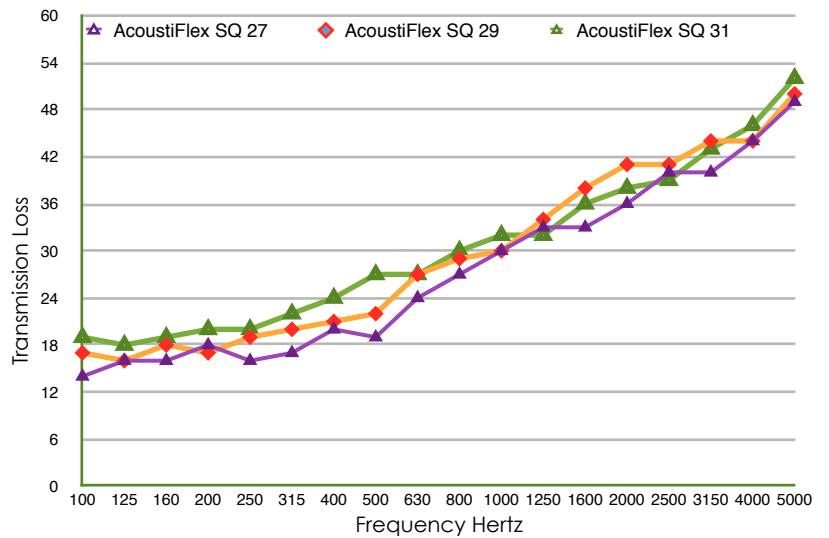
- AcoustiFlex® SQ 27 = 1.3m x 5.4m
- AcoustiFlex® SQ 29 = 1.3m x 4m
- AcoustiFlex® SQ 31 = 1.3m x 2.5m

Contact your local Acoustica distributor to discuss your special requirements.

Applications

- ✓ Highly effective in ceilings/roofs against overhead aircraft noise and rain
- ✓ Reduces external noise from traffic, trains and neighbours by treating walls and ceilings
- ✓ Contains internal noise within home theatres, entertainment areas and machinery rooms
- ✓ Provides confidentiality and privacy in offices, meeting rooms, doctors and lawyers consulting rooms
- ✓ Portable acoustic screens
- ✓ Muffles noise at construction sites when hung from an overhead structure or draped over temporary fencing to create an acoustic barrier
- ✓ Can be used to reduce engine and road noise transmitting through automotive cabin

Comparison Transmission Loss Tests



Note: The transmission loss at the frequencies of 100 and 125 Hertz have been estimated as site conditions were not suitable for measurement at these frequencies.

Test	Sample	Rw
1	AcoustiFlex SQ 27	27
2	AcoustiFlex SQ 29	29
3	AcoustiFlex SQ 31	31



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