



PRODUCT DESCRIPTION

- AcoustiFlex® SQ is a flexible noise barrier and one of the most effective solutions for railway disturbance, aircraft noise and traffic.

PHYSICAL PROPERTIES

Name	Width x Length (mm)	Weight per m2	Material
AcoustiFlex® SQ	SQ27: 1.3m x 5.4m SQ29: 1.3m x 4m SQ31: 1.3m x 2.5m	SQ27: 2.5kg/m2 SQ29: 4kg/m2 SQ31: 6kg/m2	Micro-cellular membrane bonded to an aluminium facing foil and reinforced polyester backing

MEASURED VALUES

Frequency (Hz)	SQ27	SQ29	SQ31
100	17.1	16.84	21.1
125	15.7	18.14	19.7
200	17.5	19.04	19.4
250	17.8	18.36	20.6
315	19.8	20.54	22.4
400	21.0	21.37	24.5
500	22.0	24.54	25.3
630	23.1	25.98	26.5
800	24.5	27.62	27.9
1000	26.5	28.83	30.0
1600	29.9	32.3	33.5
2000	31.6	34.15	35.4
2500	33.4	36.18	36.4
3150	35.3	38.21	38.4
4000	37.0	40.81	40.0
5000	38.6	42.92	41.6

IN ACCORDANCE WITH THE FOLLOWING STANDARDS

- ISO 9705:1993 (fire rating)
- ASTM D5116 (VOC emissions)

GENERAL PHYSICAL PROPERTIES

AcoustiFlex® SQ	
Fire class/ fire hazard properties	Group 1 (certified by the CSIRO Division of Materials Science and Engineering)
VOC Concentration	Low VOC's <0.5mg Green Star
Rw (SQ27)	27 (tested by Wilkinson & Murray)
Rw (SQ29)	29
Rw (SQ31)	31

