acoustica®
the quiet Australian

ACOUSTICA® NOISESHIELD®

Acoustica® NoiseShield® is a rigid laminate noise barrier which has been specifically engineered for machinery enclosures, machinery rooms and other vibrating machinery.

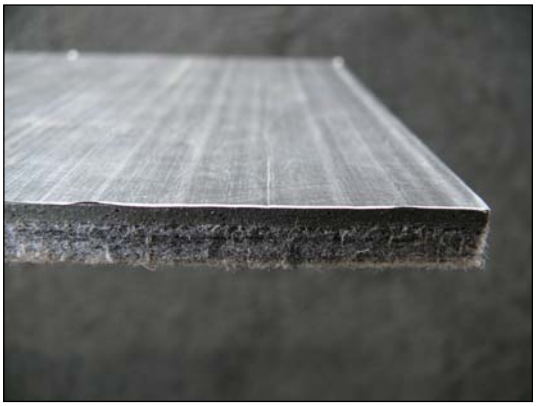
NoiseShield® has a unique material construction which unlike many other insulation materials results in high sound absorption coupled with resilience and compression loading capability.

NoiseShield® effectively treats the often combined phenomena of vibrations, sound transmission and sound reverberation encountered with most noise problems.

NoiseShield® is an extremely robust aluminium faced insulation with an indefinite life that is unaffected by oil, water, hydrolysis and vibration; it does not shed fibres nor will it delaminate.

Environmentally friendly and safe and clean to handle.

NoiseShield® *is ideal to reduce machinery, compressor and engine noise in manufacturing, agricultural and the industrial sector*



NoiseShield® is fire rated according to AS1530.3.

- Ignitability Index (0-20) = 0
- Spread of Flame (0-10) = 0
- Heat Evolved Index (0-10) = 0
- Smoke Developed Index (0-10) = 0-1

acoustica

Grd Flr 6A Nelson St
Annandale NSW 2038
Australia

Ph: 1300 722 825
+61 2 9550 2900
Fax: +61 2 9550 5665

info@acoustica.com.au

www.acoustica.com.au

With it's indefinite life, NoiseShield® is an economical material that effectively reduces sound radiation & sound transmission in the critical frequency region of rigid panels such as, steel, fibreglass, aluminium, etc)

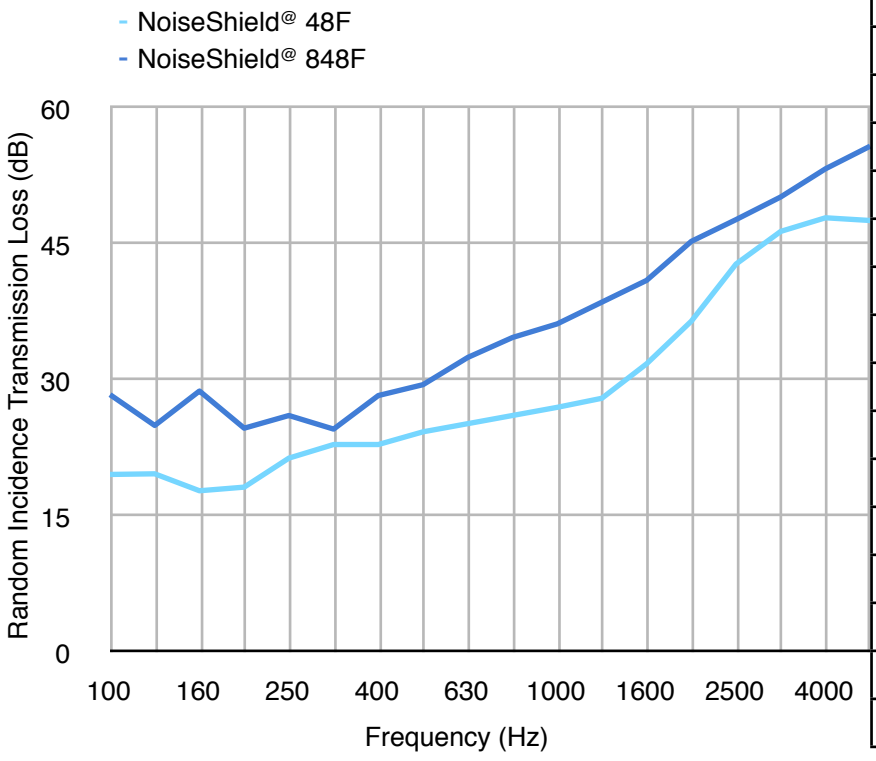
Service Temperature: -50 to 120C

Supply:

NoiseShield® is available in sheets with sizes:

- 1200 x 1200 x 10 or 20 mm
  (other sizes available on request)

Sound Transmission Loss



Frequency (Hz)	Random Incidence Transmission Loss (dB)	
1/3 Octave Centre Frequency	NoiseShield® 48F	NoiseShield® 848F
100	19.6	28.4
125	19.67	25.0
160	17.8	28.8
200	18.2	24.7
250	21.4	26.1
315	22.9	24.6
400	22.9	28.3
500	24.3	29.5
630	25.2	32.5
800	26.1	34.7
1000	27.0	36.2
1250	28.0	38.6
1600	31.8	41.0
2000	36.5	45.3
2500	42.8	47.7
3150	46.4	50.2
4000	47.9	53.3
5000	47.6	55.8
STC	28	35