

DATA SHEET

- Thermally bonded polyester insulation specifically designed to provide high performance acoustic absorption across a broad range of frequencies.
- Made in a range of densities and thicknesses with fibres specifically engineered to provide maximum thermal and acoustic performance in many diverse commercial, residential, community and industrial applications.
- Available in standard white or optional black with 16 coloured face fabrics.
- Available in sizes 2400 x 1200 or 2700 x 1200 sheets.

Applications

- Ideal for use as panelling on walls and ceilings in offices, schools, sports halls, cinemas, studios. It is highly effective at reducing echo in rooms and provides even sound absorption across the speech range frequencies.
- It is perfect to cut reverberation and echo in commercial areas where hard surfaces predominate and cause unwanted noise.

Environmental Benefits

- It has a minimum of 80% recycled fibre content from post-consumer PET packaging such as empty drink bottles. The product is 100% recyclable and has very high reuse potential as insulation.
- No chemicals or phenol formaldehyde resin binders are used in manufacture. Odourless and contains no harmful volatile organic compounds (VOC).
- No waste is generated in manufacture.
- No water or ozone-depleting gases are used in manufacture. No chlorides are present in the product.
- Suitable for use in Green Star projects.



Acoustic performance to AS 1045

Frequencies hz	125	250	500	1000	2000	4000	NRC
8mm	0.03	0.06	0.17	0.43	0.57	0.77	0.30
13mm	0.06	0.10	0.36	0.69	0.91	0.96	0.50
25mm	0.10	0.42	0.82	0.96	0.97	0.91	0.80
50mm	0.30	0.86	1.00	1.00	0.90	0.97	0.95

Physical description and properties

Volatiles:	Nil
Specific Gravity:	1.38
Flash Point:	None allocated
Other Properties:	Non-allergenic, low irritant, low flame response, resilient
Ingredients:	Organic, long chain synthetic polymer
Max Service Temp:	150° C
Alkalinity:	pH 7.8 (pH 7 is neutral)
	Exposure to an atmosphere of 50°C & 95% RH for four days gives moisture absorption of less than 0.2% by volume

Fire Resistance

Ignitability	0
Spread of Flame	0
Heat Evolved	0
Smoke Developed	0-1

The results were obtained when the products were subjected to early fire hazard testing in accordance with Australian Standards AS1530.3

This product meets all requirements of the BCA for all insulation applications.