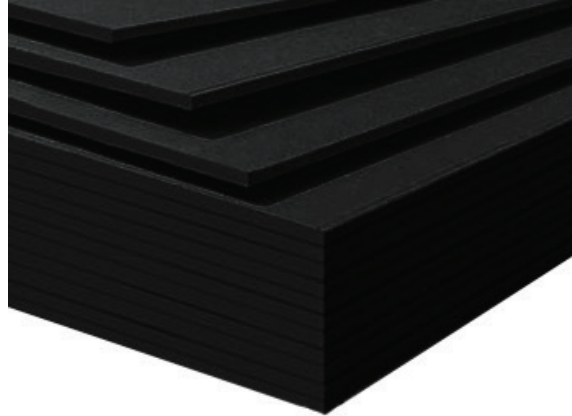


# Acoustic Backing

## Technical Data



<b>Material</b>	100% PET (50% Recycled)
<b>Weave</b>	Needle punched non woven
<b>Dimension</b>	2440mm x 588mm
<b>Thickness</b>	7mm
<b>Surface Density</b>	1.4kg/m <sup>2</sup>
<b>Density</b>	200kg/m <sup>3</sup>
<b>Odour/Toxicity</b>	None/Non toxic
<b>Resistance</b>	Mold and water resistant
<b>Moisture Absorption</b>	Exposure to an atmosphere of 50°C and 95% RH for 4 days gives a moisture absorption of less than 0.2% by volume.
<b>Environmental Impact</b>	There is little to no environmental impact. No chemicals are used in conjunction with a very low energy process.
<b>Fire Standards</b>	(AS/NZS 3837-1998) Group 3 (EN 13501-1:2007+A1:2009) B, s1, d0 (ASTM E84-08) Class A

## PET ACOUSTIC PANEL

Made from 100% polyethylene terephthalate (PET), with 50% post consumer recycled products. Manufactured using a thermoformed technique resulting in a light weight, high density compressed polyester acoustic panel designed to control unwanted noise as well as provide a decorative function.

PET is a green product manufactured free of added chemicals, binders, adhesives and dyes. Because of the recycled content, the product contributes to LEED® MR 4 credits. The material is very adaptable and can be cut, notched or trimmed for installation purpose.

NRC ratings for specific applications can be calculated using our Price and Spec tool. Learn more [here](#)

Class	Test method	Parameter	Classification criteria	Test results	
				Basic	Excellent
B	EN 13823	FIGRA0.2MJ (W/s)	≤120	93.1	0
	EN 13823	THR600S (MJ)	≤7.5	5.1	0.3
	EN 13823	LFS	<edge of specimen	Yes	Yes
	EN ISO 11925-2	Fs	≤150mm	Yes	Yes
s1	EN 13823	SMOGRA (m2/s2)	≤30	1.5	4.6
	EN 13823	TSP600s (m2)	≤50	7.3	40.8
d0	EN 13823	Flaming particles or droplets	No	No	No
	EN ISO 11925-2	Ignition of the filter paper	No	No	No



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1800 008 828 | [support@sculptform.com.au](mailto:support@sculptform.com.au)

REFERENCES: JIANGSU Burgeree New Technology Materials Co., Ltd

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