

## DATA SHEET AMBIENCE PANEL

**Application** Decorative acoustic wall & ceiling panelling for interiors.

**Benefits** Reduces and controls reverberated noise.  
Available in 16 colourways and 3 acoustic performance levels.  
Made from recycled PET post-consumer packaging such as empty drink bottles.  
Contains no harmful VOC.

	SIZE	M <sup>2</sup> /Each	Weight (kg)/Each	
<b>Dimensions</b>	Ambience Panel 12	2400 x 1200 x 12 mm	2.88	7.92
	Ambience Panel 12	2420 x 1210 x 12 mm	2.92	8.03
	Ambience Panel 12	2720 x 1210 x 12 mm	3.29	9.04
	Ambience Panel 25	2400 x 1200 x 25 mm	2.88	7.63
	Ambience Panel 25	2420 x 1210 x 25 mm	2.92	7.73
	Ambience Panel 25	2720 x 1210 x 25 mm	3.29	8.71
	Ambience Panel 50	2400 x 1200 x 50 mm	2.88	11.95
	Ambience Panel 50	2420 x 1210 x 50 mm	2.92	12.11
	Ambience Panel 50	2720 x 1210 x 50 mm	3.29	13.65

**Material** 100% polyester.



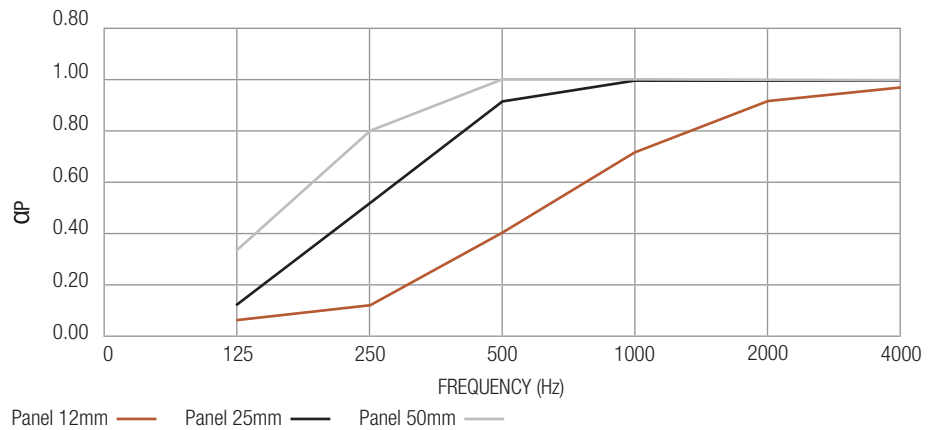
**Green Star Certification**



Ecospecifier Global Green Tag Certified.

**Acoustic Performance**

Sound Absorption



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
Ambience Panel 12	0.05	0.1	0.4	0.7	0.9	0.95	0.5
Ambience Panel 25	0.10	0.5	0.85	1.00	1.00	1.00	0.85
Ambience Panel 50	0.35	0.8	1.00	1.00	1.00	1.00	1.00

Tested to AS/ISO 354-2006. 12 mm tested by Renzo Tonin & Associates. 25 mm and 50 mm tested by the University of Auckland Acoustics Testing Service. 12 & 50 mm tested with 10 mm plasterboard.

**Humidity Resistance**

Exposed to an atmosphere of 30°C at 90% Relative Humidity for 7 days gives moisture absorption of less than 0.003% by weight.

**Light Reflection**

91 for Himmel Flat Felt Lily. Tested to ASTM E1477-98a.

**Warranty**

10 years product warranty.

**Fire Resistance**

Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1 SMOGRA less than 100 m<sup>2</sup>/s<sup>2</sup> x 1000. Achieves Group 1-S (Smoke Production Rate not more than 5 m<sup>2</sup>/s) classification with CVM2 of the New Zealand Building Code when tested in accordance with ISO 9705.

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