

soundstyle Arches

Designer: Woven Image

Origin: Australia

Composition

Composition	100% PET (60% post-consumer recycled)
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Colours Available	8
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Description	Precision Cut Acoustic Panel
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Dimensions & Weight

Dimensions	Length: 2700mm (+/-10mm) x Width: 1150mm (+/-5mm)
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Weight	2000g/m ² (+/-10%)
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Thickness	10mm (+/- 7%)
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Performance

Fire Rating Not tested to ISO9705

Colour Fastness to Light ISO 105-B02-1994 Rating: >7

Luminous Reflectance ASTM E1477-98A: 2017

Colour	LFV
653 Storm	19.14
371 Juniper	18.10
552 Obsidian	4.42
400 Cashmere	42.30
102 Cloud	39.70
691 Chiffon	55.74
482 Clay	29.87
641 Pearl	59.52

Water Vapour Sorption ASTM C1104/C1104M-13a
Test conditions: 49°C, 95% RH
Water vapour absorbed after 4 days: 0.47% by weight

Microbial Resistance ASTM G21-2015 Growth rate: 0 (no growth)

Sound Absorption Flow resistivity was tested in accordance with ANSI C522-03 (2016). These results were used to calculate the results for NRC and Rayls/m

	Direct
NRC	0.21
Rayls/m	96 590

Thermal R R50/90 = 0.26 m² K/W

Sustainability

VOC Emissions Results ASTM D5116: 2017
TVOC Emissions Rate: 0.012 mg/m²/hr (24hr)
Formaldehyde Emission Rate: <0.005 mg/m²/hr(24hr)

Sustainability Performance



