

Ion Embossed Panel

Designer: Woven Image

Application(s): Walls

Composition & Pattern

Composition 98.5% PET (50% post-consumer recycled) & 1.5% PE

Colours Available 20

Weave Non woven

Pattern Type Embossed

Additional Information Please note due to a formulation update, the Embossed panel range composition and testing results will vary slightly, and installation methods can be affected depending on the chosen application. For curved installations, contact us. Old and new iterations are not recommended to be mixed due to the minor colour change. Data for both iterations is downloadable from wovenimage.com. We anticipate all stock to have transitioned by January 2027.

Dimensions & Weight

Dimensions Length: 2800mm (+/-3mm), Width: 1130mm (+/- 3mm), Thickness: 9mm (+/- 7%)

Unit of Sale Panel

Unit of Sale Net Weight (kg) 8.13

Performance

Fire Test Result	ASTM E84 Unadhered: Class 1 or A, ISO 9705: Group 1, BS EN 13501.1: Classification B - s1, d0, GB 8624 2012 Classification: B1(C-s2,d0), GB 8624(B-s2,d0)
Acoustic Performance Standard Test Method	AS ISO 354: 2006 (R2016), AS ISO 11654: 2002 (2016), ASTM C423 - 17
Noise Reduction Coefficient (NRC) Result	Direct fix: 0.30, 20mm air gap: 0.50, 50mm air gap: 0.70. Achieves an NRC of 0.75 with a 18mm acoustic backing
Weighted Sound Absorption Coefficient (α_w) Result	Direct fix: 0.20 (H), 20mm air gap: 0.35 (MH), 50mm air gap: 0.60 (MH). Achieves an α_w of 0.75 with a 18mm acoustic backing
Sound Absorption Class	E (Direct fix), C (50mm air gap), D (20mm air gap)
Additional Acoustic Information	Noise reduction coefficient result key: H = High Frequency / MH = Mid to High Frequency
Colour Fastness to Light Standard Test Method	ISO 105 B02
Colour Fastness Light Rating	6
Colour Fastness to Rubbing Standard Test Method	ISO 105 - X12
Colour Fastness to Rubbing Rating	Wet: 4 - 5, Dry: 5

Sustainability

VOC Emissions Results	(In transition state) ASTM D5116: 2025 TVOC Emissions Rate: 0.012-0.015 mg/m ² /hr (24hr, 7days) Formaldehyde Emission Rate: 6 μ g/m ³ /hr Method v1.2 TVOC Emissions Rate: 0.010mg/m ³ CDPH Standard Method v1.2 (CA 01350) PASS TVOC Emissions Rate: <0.1 mg/m ³ Formaldehyde Emission Rate: <0.6 μ g/ m ² /hr
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Sustainability Performance



Declare.™



AUSTRALASIA EPD®
ENVIRONMENTAL PRODUCT DECLARATION
EPD REGISTRATION NUMBER: S-P-01142

Instructions

Additional Information See Woven Image Embossed Panels Care & Cleaning Guide, and Installation Guide.

Exact colour matching cannot be guaranteed between batches. Fibre mix and web variation are natural characteristics of this product.

