

# 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, refer to the installation guide or 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](http://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 ( $\alpha_w$ ) Result** Direct fix: 0.20 (H), 20mm air gap: 0.35 (MH), 50mm air gap: 0.60 (MH). Achieves an  $\alpha_w$  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<sup>2</sup>/hr (24hr, 7days) Formaldehyde Emission Rate: 6µg/m<sup>3</sup>/hr Method v1.2 TVOC Emissions Rate: 0.010mg/m<sup>3</sup> CDPH Standard Method v1.2 (CA 01350) PASS TVOC Emissions Rate: <0.1 mg/m<sup>3</sup> Formaldehyde Emission Rate: <0.6µg/ m<sup>2</sup>/hr

## Sustainability Performance



Declare.



AUSTRALASIA **EPD**<sup>®</sup>  
ENVIRONMENTAL PRODUCT DECLARATION  
EPD REGISTRATION NUMBER: 5-P-01162

## 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.

