

# Ion Embossed Panel

**Designer:** Woven Image

**Application(s):** Walls

## Composition & Pattern

**Composition** 100% PET (51% recycled)

**Colours Available** 20

**Weave** Non woven

**Pattern Type** Embossed

## 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)

**Acoustic Performance Standard Test** AS ISO 354: 2006 (R2016), AS ISO 11654: 2002 (2016), ASTM C423 - 17

## Method

**Noise Reduction Coefficient (NRC)** Direct fix: 0.30, 20mm air gap: 0.50, 50mm air gap: 0.70.  
**Result** Achieves an NRC of 0.75 with a 18mm acoustic backing

**Weighted Sound Absorption Coefficient ( $\alpha_w$ )** 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  
**Result**

**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** ISO 105 B02  
**Test Method**

**Colour Fastness Light Rating** 6

**Colour Fastness to Rubbing Standard** ISO 105 - X12  
**Test Method**

**Colour Fastness to Rubbing Rating** Wet: 4 - 5, Dry: 5

## Sustainability

**VOC Emissions Results** ASTM D5116: TVOC Emissions Rate:  $<0.015\text{mg/m}^2/\text{hr}$  (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate:  $<0.010\text{mg/m}^3$ ; Formaldehyde Emissions Rate:  $<5\mu\text{g/m}^3$

### Sustainability Performance



**Declare.**



## 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.

