

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 (α_w) 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
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.

