Gem Embossed Panel

Designer: Woven Image

Application(s): Walls

Composition & Pattern

Composition	100% PET (51% recycled)
Colours Available	20
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 Method	AS ISO 354: 2006 (R2016), ASTM C423 - 17, AS ISO 11654: 2002 (2016)

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 (αw) Result	Direct fix: 0.20 (H), 20mm air gap: 0.35 (MH), 50mm air gap: 0.60 (MH). Achieves an aw of 0.75 with a 18mm acoustic backing
Sound Absorption Class	E (Direct fix), D (20mm air gap), C (50mm 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	ASTM D5116: TVOC Emissions Rate: <0.015mg/m^2/hr (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate: <0.010mg/m^3; Formaldehyde Emissions Rate: <5μg/m^3
Sustainability Performance	

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.

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