GEM Panel

Designer: Woven Image

Application(s): Walls

Composition & Pattern

Composition	100% PET (60% recycled)
Colours Available	15
Pattern Type	Embossed

Dimensions & Weight

Product Width (mm)	1130
Product Width Tolerance (mm)	+/- 2mm
Product Length (mm)	2800
Product Length Tolerance (mm)	+/- 2mm
Additional Dimension Details	Length: 2800mm (+/-2 mm), Width: 1130mm (+/- 2mm), Thickness: 9mm (+/- 7%)
Unit of Sale	Panel
Unit of Sale Net Weight (kg)	7.83

Performance

Fire Test Result
ASTM E84 Unadhered: Class 1 or A, BS EN 13501.1: Classification B - s2,d0

Acoustic Performance Standard Test Method
AS ISO 354: 2006 (R2016)

Noise Reduction Coefficient (NRC) Result
Direct fix: 0.30, 20mm air gap: 0.50, 50mm air gap: 0.65
Achieves an NRC of 0.70 - 0.75 and αw of 0.75 with a 15mm and 25mm acoustic infill respectively

Sound Absorption Average (SAA) Result
Direct fix: 0.28

Weighted Sound Absorption Coefficient (αw) Result
Direct fix: 0.20 (H), 20mm air gap: 0.45 (MH), 50mm air gap: 0.70 (MH)

Sound Absorption Class
E (Direct fix)

Additional Acoustic Information
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: 0.023mg/m^2/hr (7 days)

Sustainability Performance

Instructions

Product Care Instructions   See Woven Image Embossed Panels Care & Cleaning Guide, and Installation Guide

1130

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2800