EchoPanel® Empire

Designer: Woven Image

Application(s): Walls, Partitions

Composition & Pattern

Composition	100% PET (80% post-consumer recycled)
Colours Available	37
Pattern Type	Precision Cut

Dimensions & Weight

Dimensions	Length: 2750mm (+/-2 mm), Width: 1100mm (+/- 2mm), Thickness: 12mm (+/- 7%). Also available in 24mm (+/-7%), specifications will differ.
Unit of Sale	Panel
Unit of Sale Net Weight (kg)	8

Performance

Fire Test Result	AS 1530.3, BS EN 13501.1: Classification B - s1, d0, ISO 9705: Group 1, ASTM E84 Unadhered: Class 1 or A, BS EN 45545-2 + A1 Annex C: CIT: 0.05, GB 8624 B1
Acoustic Performance Standard Test Method	AS ISO 354: 2006 (R2016), AS ISO 11654: 2002 (2016), ASTM C423 - 17

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Noise Reduction Coefficient (NRC) Result	Direct fix: 0.45, 20mm air gap: 0.60, 50mm air gap: 0.75
Sound Absorption Average (SAA) Result	Direct fix: 0.43, 20mm air gap: 0.61, 50mm air gap: 0.75
Weighted Sound Absorption Coefficient (αw) Result	Direct fix: 0.30 (MH), 20mm air gap: 0.45 (MH), 50mm air gap: 0.60 (MH)
Sound Absorption Class	D (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 - 7

Sustainability

VOC Emissions Results	ASTM D5116 - 2017: TVOC Emissions Rate: 0.033mg/m^2/hr (24hrs); Formaldehyde Emissions Rate: 0.07mg/m^2/hr. CDPH Standard Method v1.2 – 2017 (CA 01350): TVOC Emissions Rate: 0.013mg/m^3; Formaldehyde Emissions Rate: <1µg/m^3
Sustainability Performance	

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Instructions

Additional Information	See Woven Image EchoPanel® Care & Cleaning Guide. See Woven Image EchoPanel® Precision Cut Panels 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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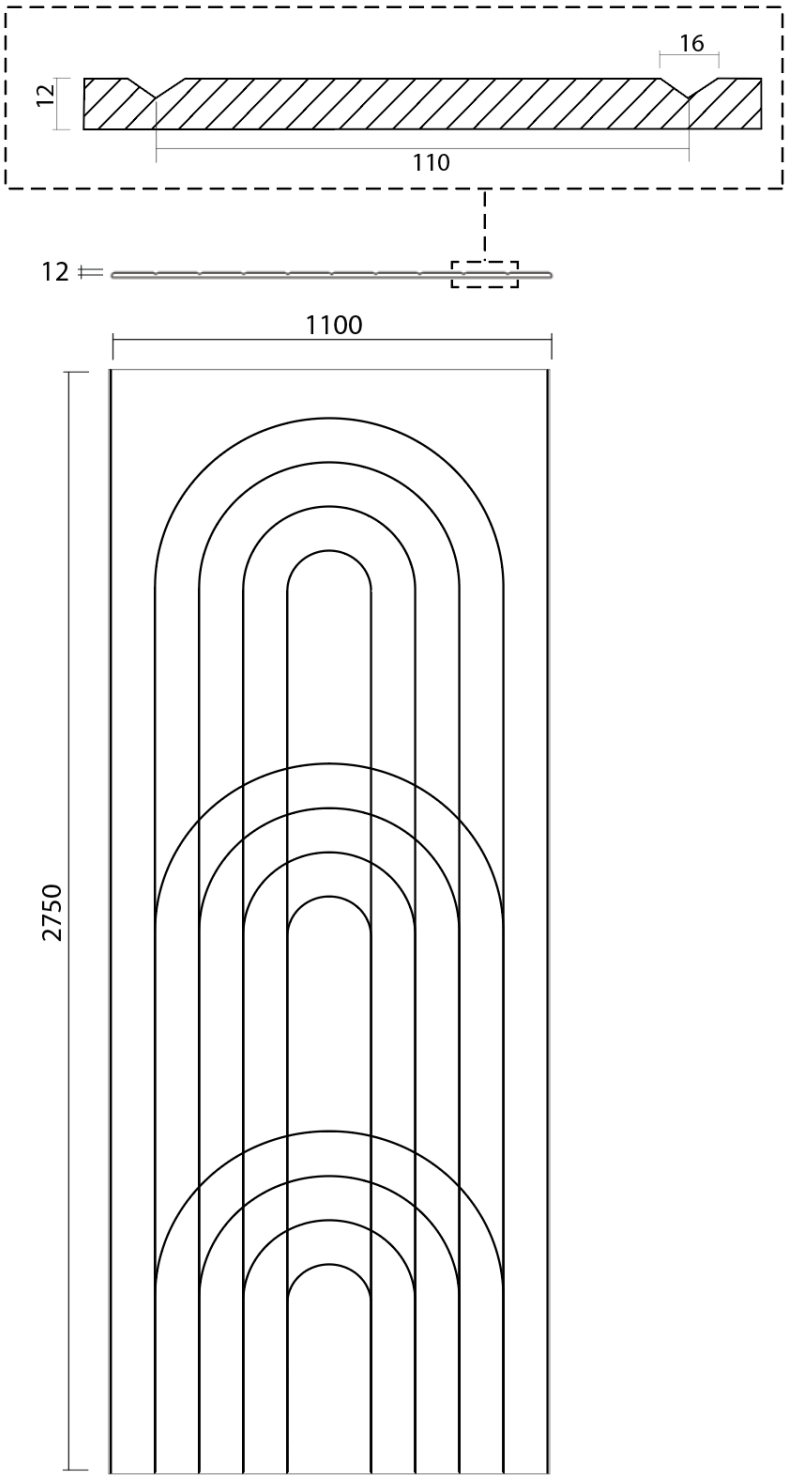

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