



EchoPanel® Orb

Designer: Woven Image

Application(s): Walls, Partitions

Composition & Pattern

Composition 100% PET (60%-80% post-consumer recycled)*

Colours Available 34

Pattern Type Precision Cut

Additional Information *As part of our ongoing commitment to sustainability, we are

increasing the amount of post-consumer PET in EchoPanel 12mm, from 60% to 80%. We anticipate all stock to have transitioned by

March 2025.

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) 7.1

Performance

Fire Test Result GB 8624 B1, ASTM E84 Unadhered: Class 1 or A, AS 1530.3, ISO

9705: Group 1, BS EN 45545-2 + A1 Annex C: CIT: 0.03, BS EN

13501.1: Classification B - s1, 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: 0.45, 20mm air gap: 0.60, 50mm air gap: 0.75

Result

Sound Absorption Average (SAA) Direct fix: 0.43, 20mm air gap: 0.61, 50mm air gap: 0.75

Result

Weighted Sound Absorption Direct fix: 0.30 (MH), 20mm air gap: 0.45 (MH), 50mm air gap: 0.60

Coefficient (aw) Result (MH)

Sound Absorption Class D (Direct fix), D (20mm air gap), C (50mm air gap)

Equivalent Absorption Area (Aeq) in Noise reduction coefficient result key: H = High Frequency / MH =

m² Sabins Mid to High Frequency

Colour Fastness to Light Standard ISO 105 B02

Test Method

Colour Fastness Light Rating 6 - 7

Sustainability

VOC Emissions Results ASTM D5116 - 2017: TVOC Emissions Rate: 0.080mg/m²/hr (24hrs);

Formaldehyde Emissions Rate: 0.008mg/m²/hr (24hr). CDPH Standard Method v1.2 – 2017 (CA 01350): TVOC Emissions Rate:

0.010mg/m³; Formaldehyde Emissions Rate: <1µg/m³

Sustainability Performance















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.



