

# EchoPanel® Orb

**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)** 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 Method** AS ISO 354: 2006 (R2016), AS ISO 11654: 2002 (2016), ASTM C423 - 17

**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 ( $\alpha_w$ ) 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)

**Equivalent Absorption Area ( $A_{eq}$ ) in  $m^2$  Sabins** 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: 0.080mg/m<sup>2</sup>/hr (24hrs); Formaldehyde Emissions Rate: 0.008mg/m<sup>2</sup>/hr (24hr). CDPH Standard Method v1.2 - 2017 (CA 01350): TVOC Emissions Rate: 0.010mg/m<sup>3</sup>; Formaldehyde Emissions Rate: <1µg/m<sup>3</sup>

### 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.

