EchoPanel® 12mm

Designer: Woven Image

Application(s): Walls, Ceilings

Composition & Pattern

Composition	100% PET (80% post-consumer recycled), plain panel
Colours Available	37

Dimensions & Weight

Dimensions	Length: 2800mm (+/- 10mm), Width: 1200mm (+/- 5mm), Thickness: 12mm (+/- 7%)
Unit of Sale	Panel
Unit of Sale Net Weight (kg)	8

Performance

Fire Test Result	C/VM2 - Verification Method - Group 1-S. Average smoke production rate (m^2/s) <5, AS ISO 9705 & AS 5637.1: Group 1. SMOGRArc <100 (m^2/s^2x1000), For further information contact designlink@csr.com.au
Acoustic Performance Standard Test Method	AS ISO 354: 2006 (R2016), AS ISO 11654: 2002 (2016), ASTM C423 - 17
Noise Reduction Coefficient (NRC)	Direct fix: 0.45

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Result	
Sound Absorption Average (SAA) Result	Direct fix: 0.42
Weighted Sound Absorption Coefficient (αw) Result	Direct fix: 0.30 (MH)
Sound Absorption Class	D (Direct fix)
Additional Acoustic Information	See Table 1.0; Noise reduction coefficient result key: H = High Frequency & MH = Mid to High Frequency
Light Reflectance Standard Test Method	ASTM E1477-98A-2017
Light Reflectance Value	Luminous Reflectance Factors (See Table 2.0 below for all colours)

Sustainability

VOC Emissions Results	CDPH Standard Method v1.2 – 2017 (CA 01350): TVOC Range 0.5mg/m^3 or less; Refer to Intertek Clean Air certificate
Sustainability Performance	

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Instructions

Additional Information	For direct fix applications to walls & ceilings. See Woven Image EchoPanel® 12mm Installation Guide. See Woven Image EchoPanel® Care & Cleaning Guide. Exact colour matching cannot be guaranteed between batches. Fibre mix and web variation are natural characteristics of this product.

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TABLE 2.0

LUMINOUS REFLECTANCE (ASTM E1477-98A: 2017) ECHOPANEL® 12mm

COLOUR CODE	COLOUR NAME	LUMINOUS REFLECTANCE FACTOR
542	CHARCOAL	5.36
365	NAVY	8.04
193	ROUGE	10.94
447	SLATE	11.88
484	CAYENNE	13.75
167	CINNAMON	14.44
349	VINEYARD	16.76
384	OLIVE	17.60
660	CORONET	19.07
295	MANDARIN	20.07
444	SMOKE	20.09
338	JADE	20.52
402	PEBBLE	21.25
721	NUTMEG	26.62
442	GREY	30.40
580	SAGE	32.77
579	PISTACHIO	33.98
551	DUCK EGG	35.67
124	OCHRE	36.09
274	ORCHID	38.14
487	BLUSH	40.06
495	DUSK	41.16
468	VANILLA	42.59
101	FROST	45.64
454	MUSHROOM	52.03
573	MINT	54.87
908	CREAM	62.07
106	BUTTER	69.31
381	LIME SPLICE	69.31
500	OFF WHITE	80.44

TABLE 1.0

Product	Thickness	Practical sound	125hz	250hz	500hz	1000hz	2000hz	4000hz	NRC	SAA	αw
EchoPanel®	12mm	Absorption coefficient (α_p)	0	0.05	0.25	0.55	0.85	1	0.45	0. 42	0.3

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