



Woven Image®

EchoPanel®27





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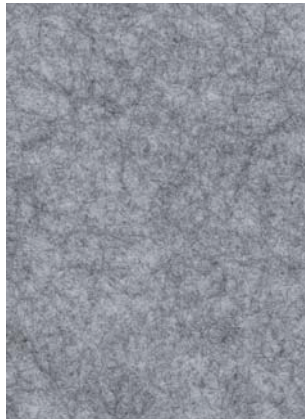
612



560



542



442



909



500

EchoPanel®27

WHAT IS ECHOPANEL®27

EchoPanel®27 - the latest development in acoustic wall panel from Woven Image.

EchoPanel®27 is a finished design surface in itself. At 2700mm x 1210mm, it is engineered for floor to ceiling wall installations to suit standard wall dimensions. Its practical dimensions and ease of application enables maximum material and labour efficiencies.

EchoPanel®27 is another landmark from the EchoPanel® range from Woven Image, demonstrating our ongoing commitment to environmental performance and sustainable interiors.

It is Australian made and designed with full third party environmental accreditation. It has been awarded the Australian Design Award.

ECHOPANEL®27 KEY APPLICATIONS

EchoPanel®27 is designed for vertical surface applications across commercial office, primary, secondary and tertiary, education, retail, hospitality and government.

For productive and sustainable interiors use EchoPanel®27 for:

- Floor to ceiling wall covering
- Pin board surface
- Printable panel for corporate branding and design
- Workstation screens
- Operable walls and partitions

ECHOPANEL®27 KEY BENEFITS

A Lighter Product

At 1400 grams per square metre, EchoPanel®27 is approximately 20% of the weight of MDF board or Plaster Board in equivalent thickness. It is less labour intensive, being easier to handle and install than product on a roll. Its extreme light weight allows a diverse range of applications.

Improved Acoustics

EchoPanel®27 meets the acoustic demands of today's open designed spaces by absorbing sound. It has been tested by RMIT to AS ISO 354-2006. It received noise reduction coefficient (NCR) results of:

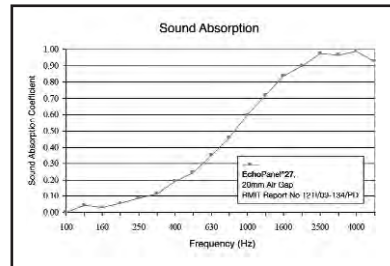
NRC Value: 0.25 (with no air gap)

NRC Value: 0.45 (with 20mm air gap)

NRC Value: 0.70 (with 50mm air gap)

These values represent a better than average absorption of sound, particularly useful in open and reverberating spaces. The NRC is a number index for rating how absorptive a material is. In EchoPanel®27 with a 20mm air gap, it means that 45% of sound that comes into contact with it is absorbed and 55% of the sound is reflected back into the space, unlike many hard plastics or metals that would have little absorption.

Graph: Sound Absorption Coefficients of Woven Image EchoPanel®27 tested with a 20mm air gap



Reduced costs in labour and materials

Wall panel installations utilising EchoPanel®27 are uncomplicated and utilise fewer materials compared to traditional wall or screen systems. Instead of upholstering a metal tile or a piece of MDF board, EchoPanel®27 is the finished surface removing the cost of covering materials. Also as it is designed for floor to ceiling installation. The resulting system not only uses less material in its production but is also less labour intensive with reduced materials handling.

Environmentally Sustainable

- EchoPanel®27 is produced from recycled and recyclable PET (approximately 60% post consumer waste sourced such as recycled PET bottles)
- The base fibre is certified to Oeko-tex Standard 100 for meeting human ecological requirements. Certified by TESTex Zurich, Swiss Textile Institute
- EchoPanel®27 is certified to carry the Good Environmental Choice Australia label
- EchoPanel®27 can secure maximum credits under the Eco Preferred Content category in Green Star rating tools as administered by the Green Building Council of Australia
- As EchoPanel®27 is the finished surface in itself, dematerialisation becomes easy; through the elimination of the older 'combined fabric and wood' wall panel, screens, and partitions systems
- The Woven Image Product Stewardship Program will guarantee to coordinate the recovery, reuse or recycling of uncontaminated EchoPanel®27 from disassembled wall panels and other commercial applications. Woven Image will also coordinate the collection and recycling of factory off cuts

Ideal Print Surface

EchoPanel®27 is an ideal base to print on, utilising the latest in inkjet and screen printing technology. Perfect for signage and full colour images, EchoPanel®27 can be used both as individually printed panels or multi-panel displays.

Easy Application: Flexible Fixing, Cutting and Machining

EchoPanel®27 can be cut in a variety of ways including traditional workshop tools such as a band saw, panel saw, circular saw, jig saw, router, die cutter or even using manual techniques such as guillotining or cutting with an art knife.

EchoPanel®27 can be fixed by nail, screw or glue.

For full EchoPanel®27 application guide please visit: wovenimage.com

For information



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Specifications

Product Name	EchoPanel®27
Designer	Woven Image
Origin	Made in Australia
Colours	7
Composition	100% PET (60% recycled) 909 - 100% PET
Panel Dimensions	2700mm (+/- 10mm) x 1210mm (+/- 5mm)
Weight	1400g/m ² +/- 10%
Thickness	7mm +/- 7%

Performance

Colour Fastness to Light	ISO 105-B02-1994 Rating: 6-7 AS 2001.4.21-1970 Rating: 6-7
Fire Test	A3837 Classification: Group 3
Care	Blot excess spills from material quickly. Wipe with a damp cloth. If stain persists, apply small quantities of carpet or upholstery shampoo solution with a damp cloth. Blot well with a clean cloth after each application of the solution. Warning, avoid excessive amounts of water. Ensure adequate ventilation if the product is likely to be subject to excessive moisture.
Sound Absorption	AS ISO 354 – 2006 NRC Value: 0.25 (with no air gap) NRC Value: 0.45 (with 20mm air gap) NRC Value: 0.70 (with 50mm air gap)
VOC Emissions	ASTM D5116 Rate: < 0.02 mg/m ² /hr (7 days)
Environmental	 See website for details