

Specification Guide

Composition® is the workhorse of acoustic wallcoverings, now available in both velour and smooth finishes to suit diverse design needs.

Both finishes expertly control interior acoustics and feature a pinnable, self-healing surface — making Composition the perfect canvas for creative and education focused spaces.

In everything we do



Composition® Acoustic Wallcovering

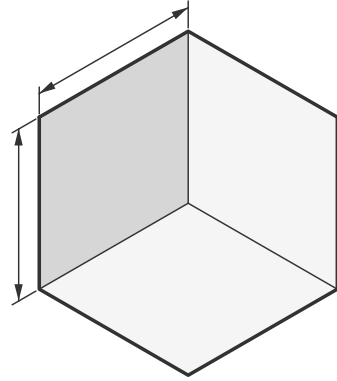




Path to Specification

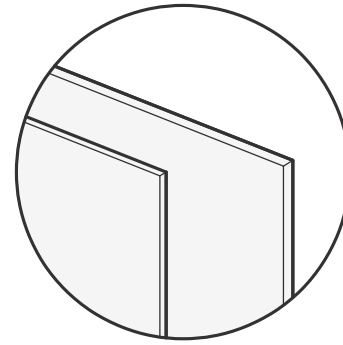
1. Space

What are the dimensions of the space you are designing?



2. Size

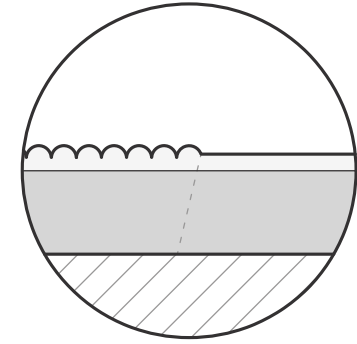
What formats and dimensions are available?



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3. Surface Finish

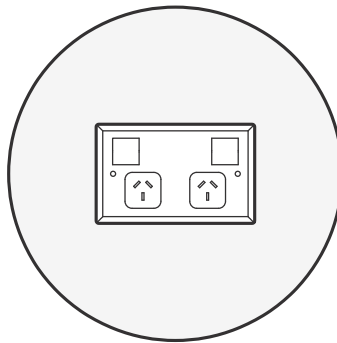
What surface finishes are available?



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4. Detail Considerations

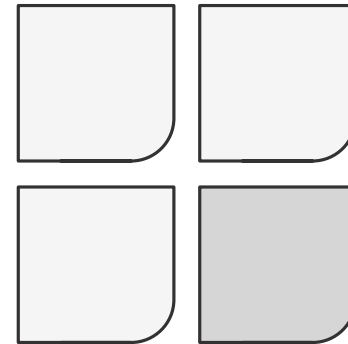
What install details should you consider?



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5. Colours and Finishes

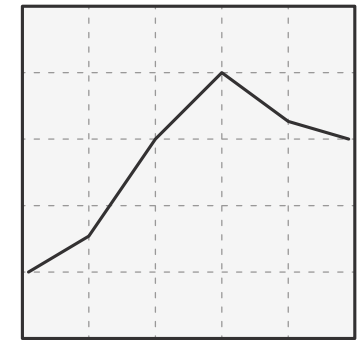
What colours and finishes are available?



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6. Technical Information

What are the technical specifications?



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Quick Reference

Panel Dimensions

Width	1220mm
Height	Standard: 1.2lm Max: <3.6lm (MOQs apply)
Thickness	16 - 18mm

Roll Dimensions

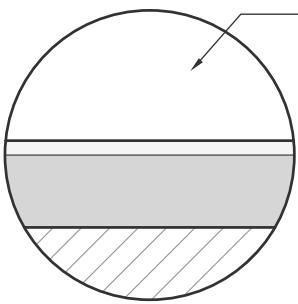
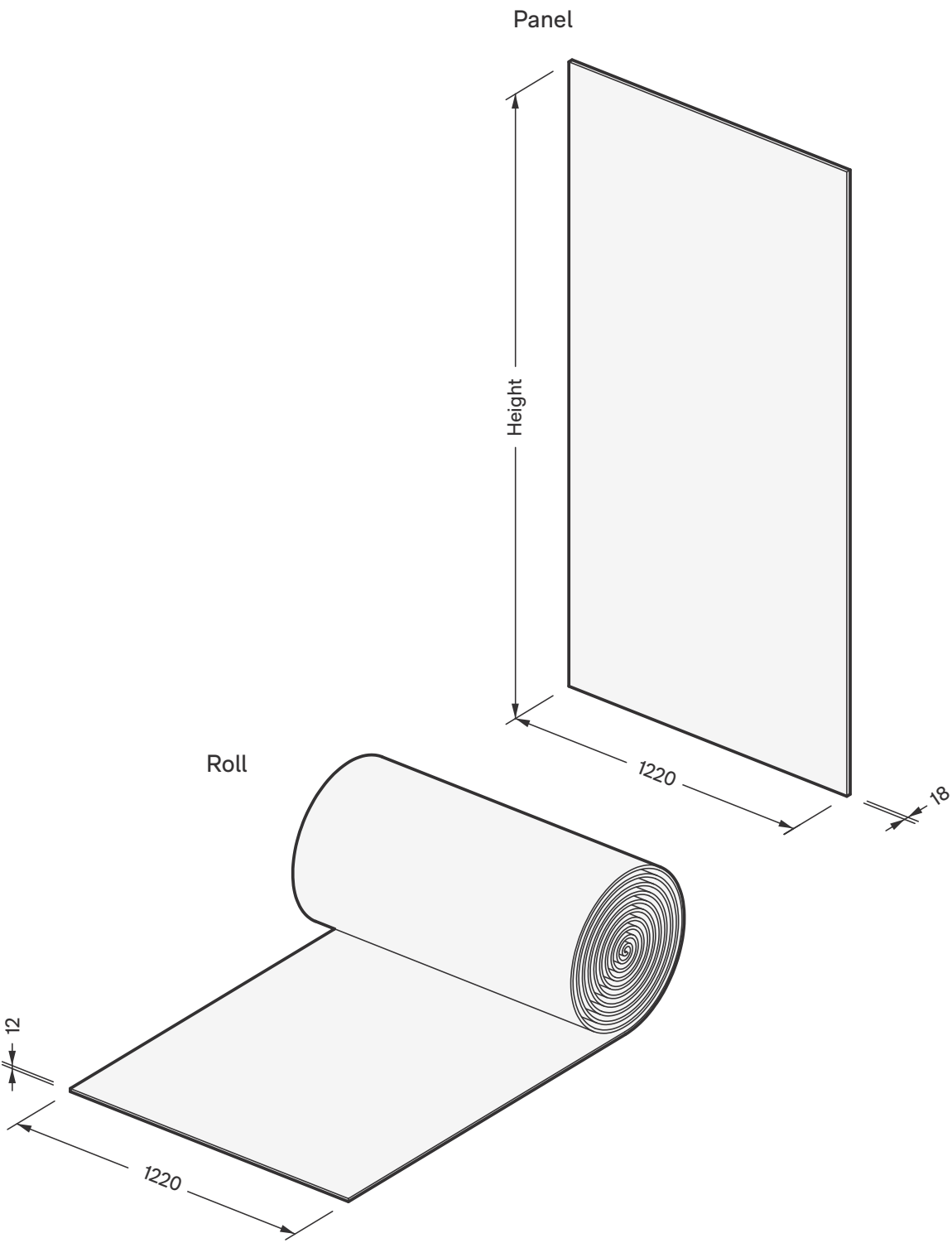
Width	1220mm
Length	Standard: 5lm Max: <25lm
Thickness	10 - 12mm

Please contact your Autex Acoustics® specification manager for more information

Connection

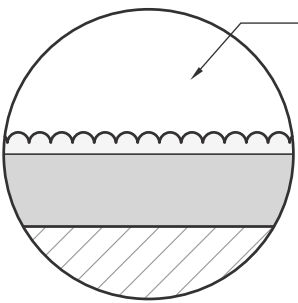
Adhesive	Panels and rolls can be installed with appropriate adhesive (supplied by contractor)
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See Product Installation Guide for further details



Smooth finish available in all Vertiface® colours

Smooth Finish



Velour finish available in all Vertiface colours, see pile direction in detail considerations

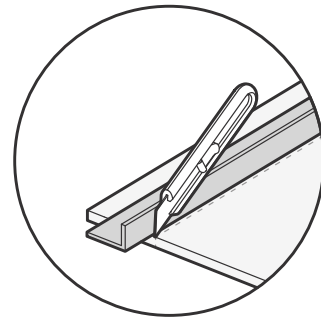
Velour Finish



Detail Considerations

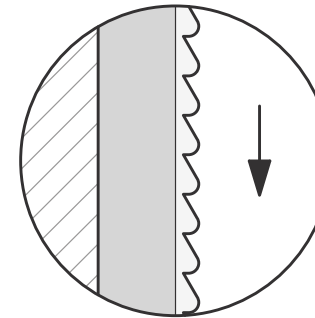
Trimming Panel and Roll

Composition panel and roll can be cut down on site. We recommend using a snap blade knife and a straight edge.



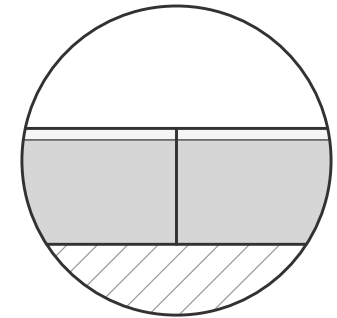
Pile Direction

If installing Velour finish, ensure pile direction is installed downwards.



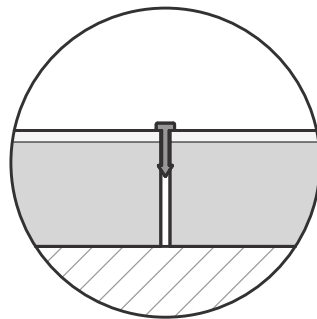
Butt Join

Composition panel and roll can be butt joined to create a seamless continuation of the install.



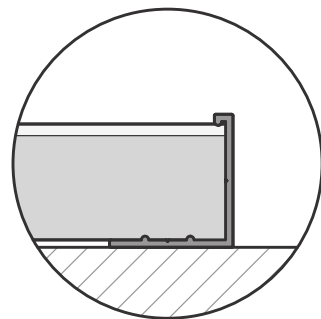
Butt Joining with Trims

Joins between panels can be detailed with a Tee Joiner. Ensure a 2mm gap between panels to allow for installation of trims. Please refer to Edging Solutions Production Guide for further details.



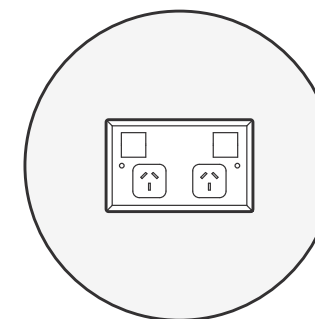
Edge Trims

Edge Trims are available for Composition. Please refer to Edging Solutions Product Guide for further details.



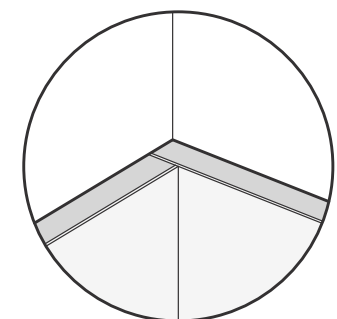
Power Outlets and Light Switches

Measure and cut out where the outlet would sit on the Composition. Apply the Composition to the substrate and secure the outlet through the Composition.



Internal Corners

We recommend a simple lap-join install for internal corners.



For further installation details, please refer to the Composition Installation Guide.



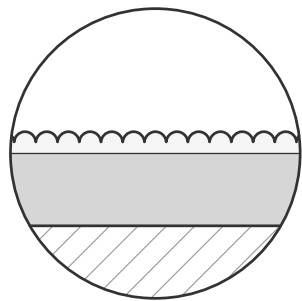
Colours and Finishes

Composition® Colours

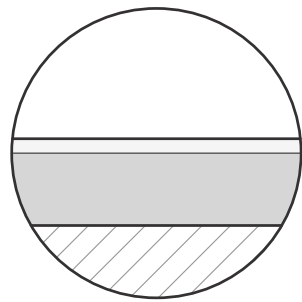
Composition is available in the full range of Vertiface® colours.

Velour and smooth finish options available.

Composition panel has MOQs per colour, please contact your Autex Acoustics specification manager for more information.



Velour Finish



Smooth Finish



Savoye



Colosseum



Opera



Senado



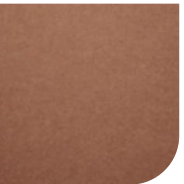
Beehive



Simba



Canyon



Petra



Vintage



Rushmore



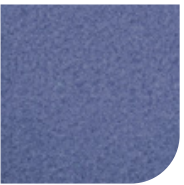
Parthenon



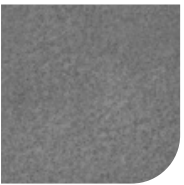
Terrace



Cavalier



Calypso



Flatiron



Blazing Red



Chilli Red



Sargazo



Myst



Porcelain



Marina



Stonewash



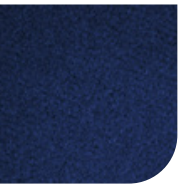
Atlantis



Electric Blue



Muralla



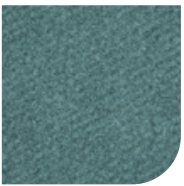
Ink



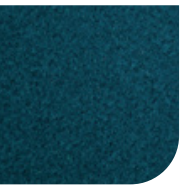
Pinnacle



Falling Water



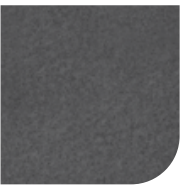
Spearmint



Octane



Sage



Herald



Koala



Caspian



Empire



Petronas



Acros



Jade



Granny Smith



Lime



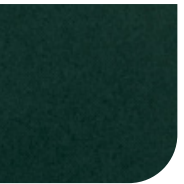
Park



Highland



Gherkin



Tree House



Colour Light Reflectance Values

Vertiface LRVs are measured in accordance with BS 8493:2008+A1:2010

Acros	30	Marina	33
Atlantis	8	Muralla	7
Beehive	30	Myst	42
Blazing Red	8	Octane	5
Calypso	13	Opera	47
Canyon	14	Park	23
Caspian	3	Parthenon	28
Cavalier	10	Petra	14
Chilli Red	5	Petronas	1
Colosseum	51	Pinnacle	2
Electric Blue	12	Porcelain	22
Empire	3	Rushmore	40
Falling Water	32	Sage	9
Flatiron	23	Sargazo	2
Gherkin	5	Savoye	44
Granny Smith	20	Senado	45
Herald	13	Simba	18
Highland	14	Spearmint	13
Ink	3	Stonewash	19
Jade	22	Terrace	18
Koala	12	Tree House	2
Lime	29	Vintage	6





Sound Materials

We're on a positive journey towards momentous change. It's about winning for the planet and its people, making a difference for healthy generations to come.

Sustainability is ingrained in everything we do, from fibre to finish. Our commitment to doing good now and in the future drives us to continuously evolve our practices, design with integrity, and take responsibility for the impact of our products. Our five sustainability pillars reflect this ethos, guiding our actions and shaping our decisions. Together, these pillars form a system that ensures our materials, products, and processes contribute meaningfully to a more sustainable world.



01



Climate change demands climate action

We are carbon neutral in everything we do.

02



Closing the loop

We are advocates for closing the loop on waste. We design with circularity front of mind.

03



Sustainable supply chain

We carefully select responsible suppliers and take action to mitigate unethical practices, and encourage good working conditions.

04



Supporting wellbeing in buildings

All our products are made using only safe materials. No harmful chemicals are present in our products.

05



Operating a business for purpose and profit

We strive to have a positive impact on our environment, our people, and the next generation.

Credentials

Sustainability isn't just a feature—it's a foundation. Our products are independently certified by trusted third-party certifications and labels to meet rigorous environmental and performance standards.

Our products also meet criteria for NABERS, WELL, LEED, Green Star, and BREEAM building rating systems, helping you achieve certification for your project.



Declare.





Our Journey to Nature Positive

We want to make a material difference to the planet and its people. That's why we're not resting on achieving carbon neutrality across the organisation and our products.

We're on a journey committed to Nature Positive, which ultimately delivers systems and products that contribute to biodiversity replenishment, carbon sequestration, and many positive environmental outcomes.

It's manufacturing that cares for human beings and the generations to come.

1967
Founded in Auckland, NZ, creating underfelt for the flooring industry.



1990
Established on-line recycling systems.



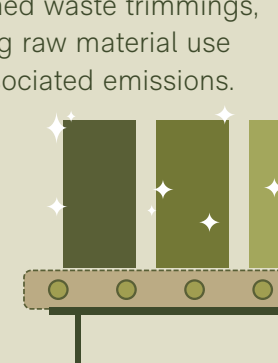
2020
Dematerialisation project, which reduced raw material by 30% for core product.



2017
First Environmental Product Declarations (EPDs) were published and started measuring GHG emissions.



2012
Reclaimed waste trimmings, reducing raw material use and associated emissions.



2021
We balanced all emissions from our acoustic products to zero.



2022
We balanced all emissions from our global operations to zero.



2025
We received the first NaturePositive+ Declaration in the construction industry for our first carbon negative product we launched in New Zealand. It uses a material with a -8.6 CO₂e carbon footprint.



Technical Information

Overview

NRC	0.40 - 0.55
Content	100% PET, incl. recycled fibre
Form	Panel and roll
Dimensions	Panel: 1220mm x 1.2lm, 1220mm x <3.6lm Roll: 1220mm x 5lm, 1220mm x <25lm
Thickness	Panel: 16 - 18mm Roll: 10 - 12mm
Origin	Made in Australia

Acoustic Performance

Composition is specifically designed to reduce and control reverberation and echo noise in building interiors.

Practical Sound Absorption Coefficients

	Frequency (Hz)	125	250	500	1000	2000	4000	NRC
● Composition Roll		0.00	0.10	0.25	0.55	0.75	0.85	0.40
● Composition Panel		0.05	0.15	0.45	0.80	0.95	1.00	0.55

Fire Considerations

AS ISO 9705 - 2003 and AS 5637.1
Classification: **Group 1**
Fire test report available on request.

Ten Year Manufacturer's Guarantee

Product Specifications

- Hard body impact**There is no surface damage or penetration when subjected to hard body impacts. When adhered to 10mm plasterboard, the system can resist a 9 joule impact.
- Soft body impact**There is no surface damage or penetration when subjected to soft body impacts. When adhered to 10mm plasterboard, the system can resist a 70 joule impact.
- Microbial resistance (ASTM G21-15):**
Growth rating: 0
- Pattern:** Non-woven. No pattern repeat.
- Colour fastness to light (ISO 105-B02:2014):**
Rating: 6
- Determination of colourfastness to rubbing (ISO 105-X12:2016):**
Dry assessment: 4 - 5
Wet assessment: 4 - 5
- Average % of water vapour sorption by weight after four days:** 0.4%

For care and maintenance guidance, refer to the Autex Acoustics Care and Maintenance Guide.

