

## 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

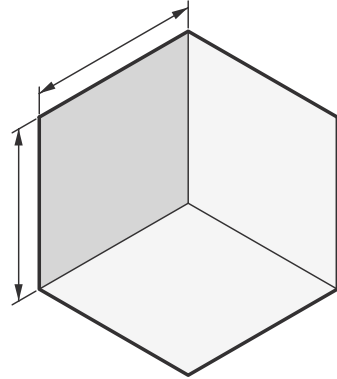




# Path to Specification

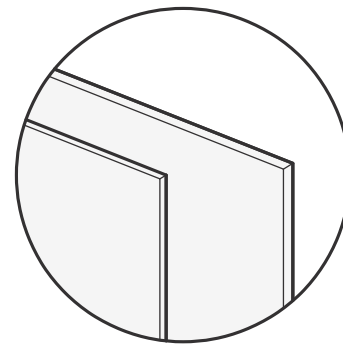
## 1. Space

What are the dimensions of the space you are designing?



## 2. Size

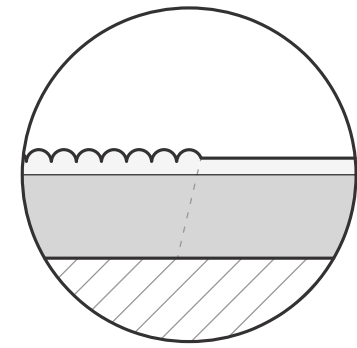
What formats and dimensions are available?



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## 3. Surface Finish

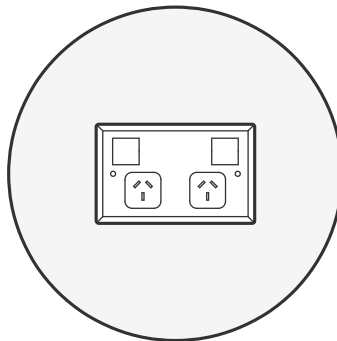
What surface finishes are available?



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## 4. Detail Considerations

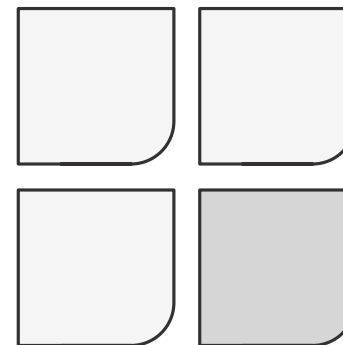
What install details should you consider?



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## 5. Colours and Finishes

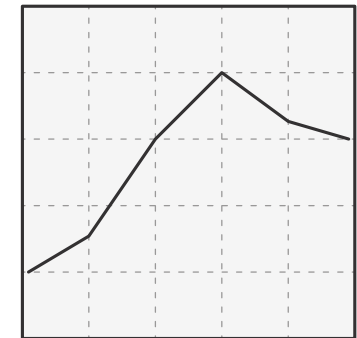
What colours and finishes are available?



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## 6. Technical Information

What are the technical specifications?



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# Quick Reference

## Panel Dimensions

|           |                          |
|-----------|--------------------------|
| Width     | 1220mm                   |
| Height    | Standard: 2440mm, 2740mm |
| Thickness | 16 - 18mm                |

## Roll Dimensions

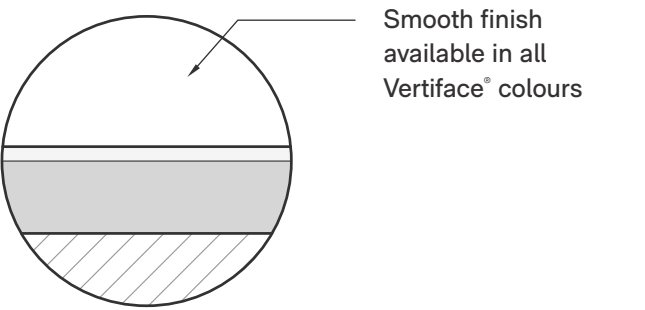
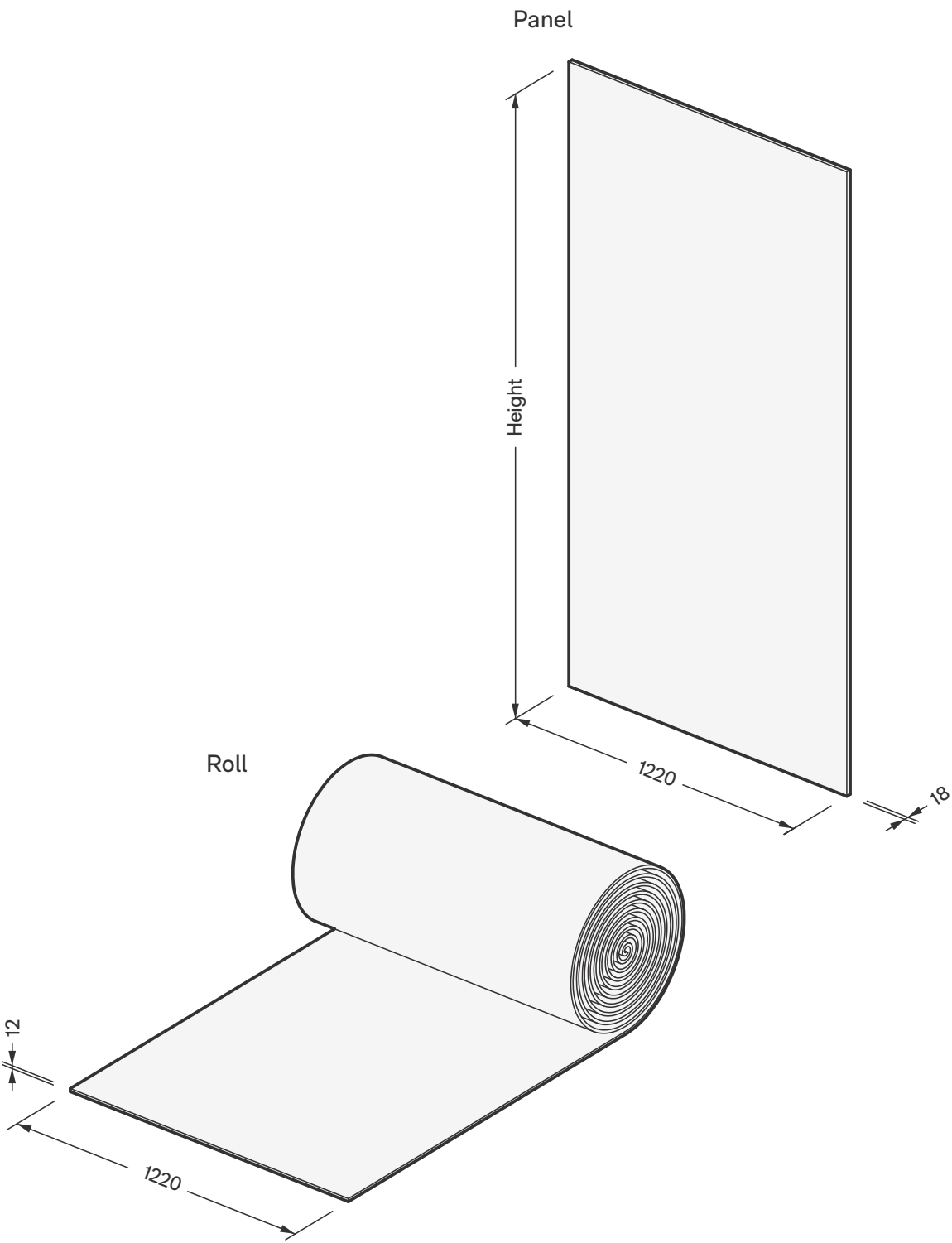
|           |           |
|-----------|-----------|
| Width     | 1220mm    |
| Length    | 25m       |
| Thickness | 10 - 12mm |

Please contact your Autex Acoustics® account manager for more information

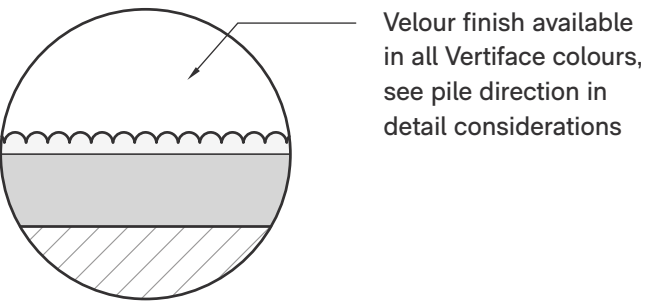
## Connection

|          |                                                                                      |
|----------|--------------------------------------------------------------------------------------|
| Adhesive | Panels and rolls can be installed with appropriate adhesive (supplied by contractor) |
|----------|--------------------------------------------------------------------------------------|

See Product Installation Guide for further details



Smooth Finish



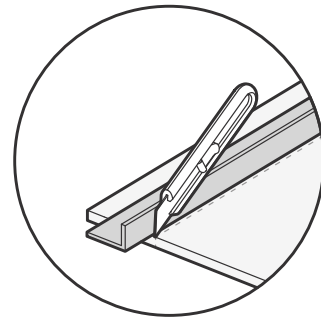
Velour Finish



# Detail Considerations

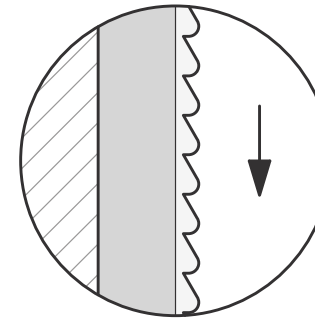
## Trimming Panel and Roll

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



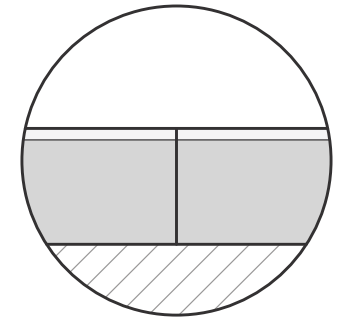
## Pile Direction

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



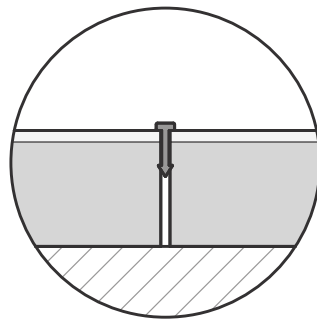
## Butt Join

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



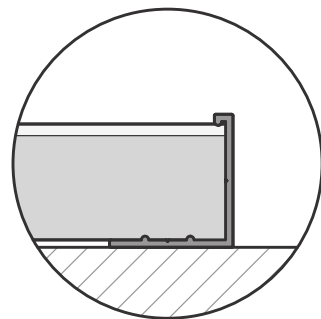
## Butt Joining with Trims

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.



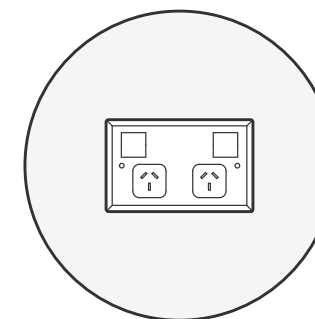
## Edge Trims

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



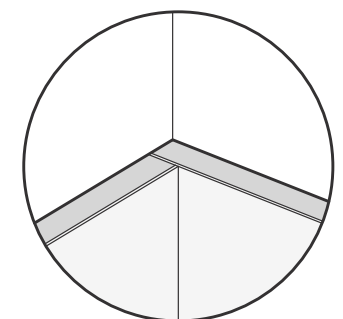
## Power Outlets and Light Switches

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.

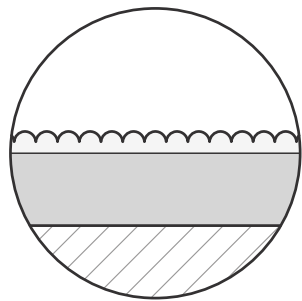


# Colours and Finishes

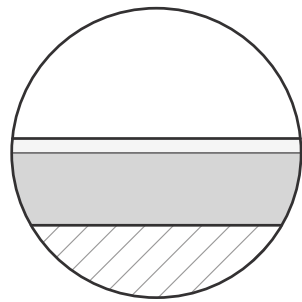
## Composition® Colours

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

Velour and smooth finish options available.



Velour Finish



Smooth Finish



Savoye



Colosseum



Opera



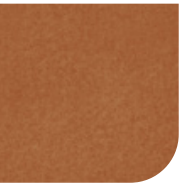
Senado



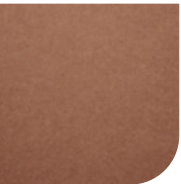
Beehive



Simba



Canyon



Petra



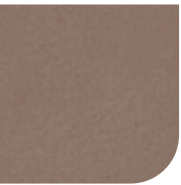
Vintage



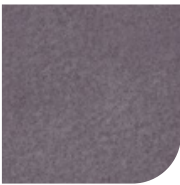
Rushmore



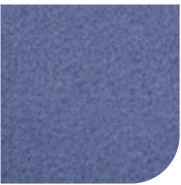
Parthenon



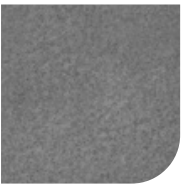
Terrace



Cavalier



Calypso



Flatiron



Blazing Red



Chilli Red



Sargazo



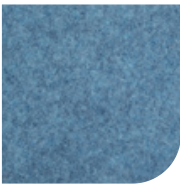
Myst



Porcelain



Marina



Stonewash



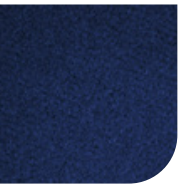
Atlantis



Electric Blue



Muralla



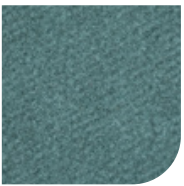
Ink



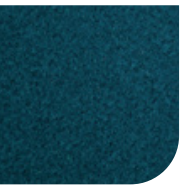
Pinnacle



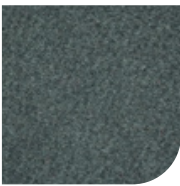
Falling Water



Spearmint



Octane



Sage



Koala



Caspian



Empire



Tree House



Petronas



Acros



Jade



Granny Smith



Lime



Park



Highland



Gherkin



# Colour Light Reflectance Values

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

|               |    |
|---------------|----|
| Acros         | 30 |
| Atlantis      | 8  |
| Beehive       | 30 |
| Blazing Red   | 8  |
| Calypso       | 13 |
| Canyon        | 14 |
| Caspian       | 3  |
| Cavalier      | 10 |
| Chilli Red    | 5  |
| Colosseum     | 51 |
| Electric Blue | 12 |
| Empire        | 3  |
| Falling Water | 32 |
| Flatiron      | 23 |
| Gherkin       | 5  |
| Granny Smith  | 20 |
| Highland      | 14 |
| Ink           | 3  |
| Jade          | 22 |
| Koala         | 12 |
| Lime          | 29 |
| Marina        | 33 |

|            |    |
|------------|----|
| Muralla    | 7  |
| Myst       | 42 |
| Octane     | 5  |
| Opera      | 47 |
| Park       | 23 |
| Parthenon  | 28 |
| Petra      | 14 |
| Petronas   | 1  |
| Pinnacle   | 2  |
| Porcelain  | 22 |
| Rushmore   | 40 |
| Sage       | 9  |
| Sargazo    | 2  |
| Savoye     | 44 |
| Senado     | 45 |
| Simba      | 18 |
| Spearmint  | 13 |
| Stonewash  | 19 |
| Terrace    | 18 |
| Tree House | 2  |
| 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 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 CO<sub>2</sub>e carbon footprint.



# Technical Information

## Overview

|            |                                                               |
|------------|---------------------------------------------------------------|
| NRC        | 0.40 - 0.55                                                   |
| Content    | 100% PET, incl. recycled fibre                                |
| Form       | Panel and roll                                                |
| Dimensions | Panel: 1220mm x 2440mm, 1220mm x 2740mm<br>Roll: 1220mm x 25m |
| Thickness  | Panel: 16 - 18mm<br>Roll: 10 - 12mm                           |
| Origin     | Made in New Zealand                                           |

## 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

ISO 9705: 1993  
Classification: **Group 1-S**  
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.

