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 tackable, self-healing surface — making Composition the perfect canvas for creative and education focused spaces.

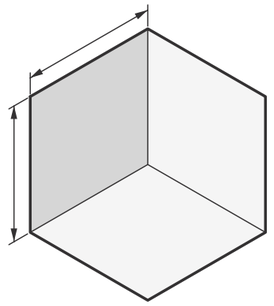


Composition® Acoustic Wallcovering

Path to Specification

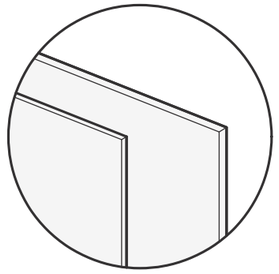
1. Space

What are the dimensions of the space you are designing?



2. Size

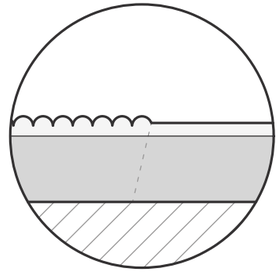
What formats and dimensions are available?



Page 3

3. Surface Finish

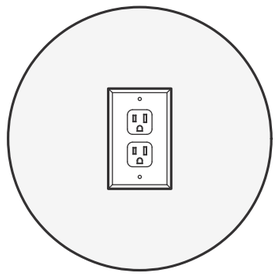
What surface finishes are available?



Page 3

4. Detail Considerations

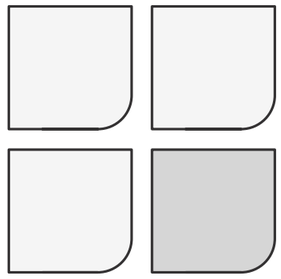
What install details should you consider?



Page 4

5. Colors and Finishes

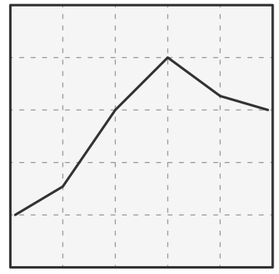
What colors and finishes are available?



Page 5

6. Technical Information

What are the technical specifications?



Page 9

Contents

Quick Reference

Panel Dimensions

Width	47.25" (1200mm)
Height	110" (2794mm)
Thickness	0.4" - 0.5" (10 - 12mm)

Roll Dimensions

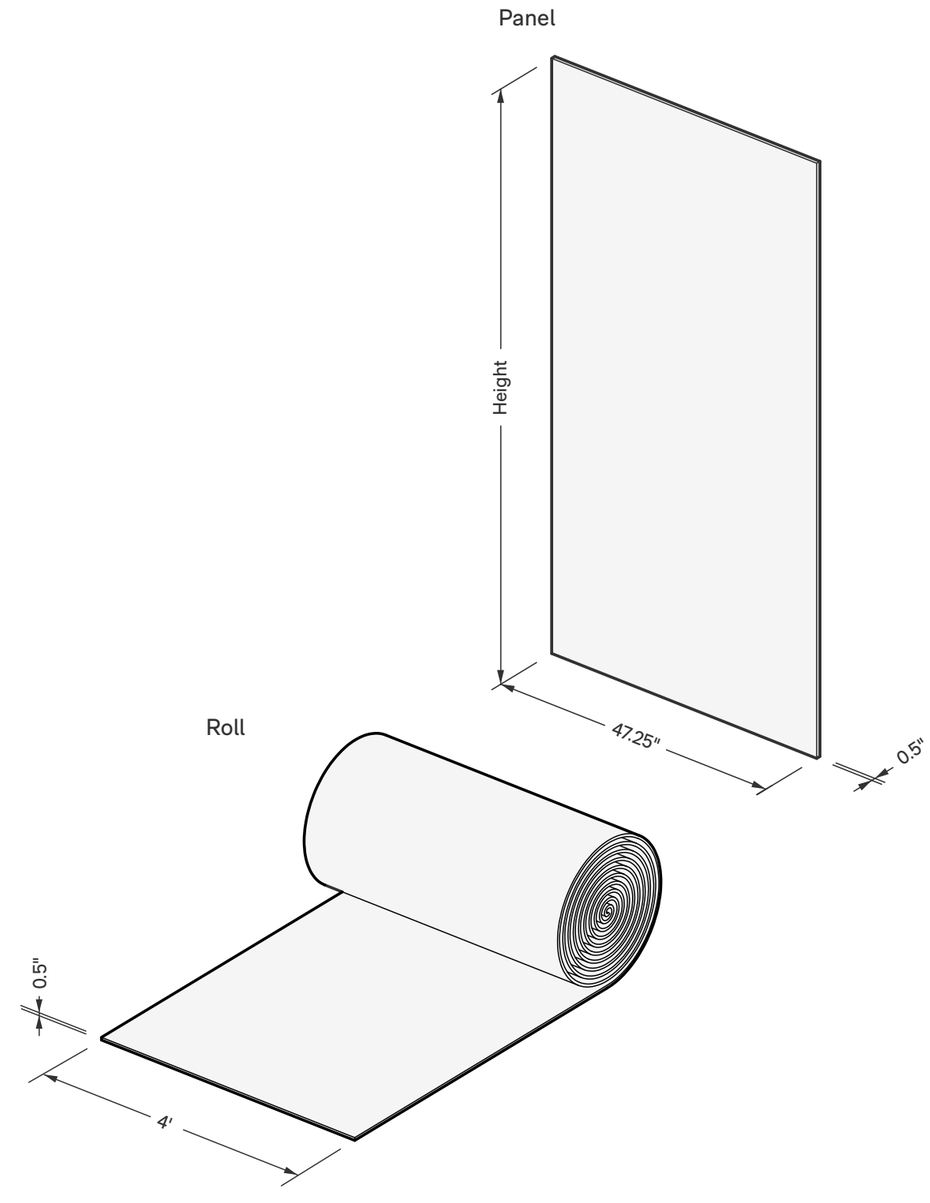
Width	4' (1220mm)
Length	36' (11m)
Thickness	0.4" - 0.5" (10 - 12mm)

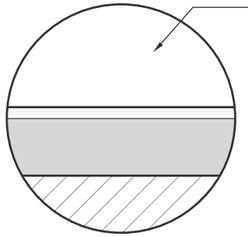
Please contact your Momentum account manager for more information

Connection

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

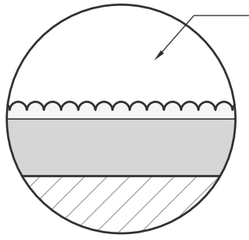
See Product Installation Guide for further details





Smooth finish available in all Vertiface® colors, see pile direction in detail considerations

Smooth Finish



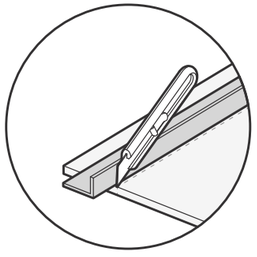
Velour finish available in all Vertiface colors, see pile direction in detail considerations

Velour Finish

Detail Considerations

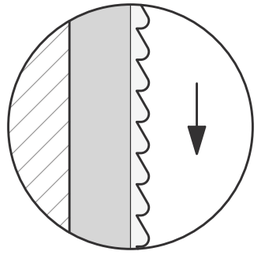
Trimming Panel and Roll

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



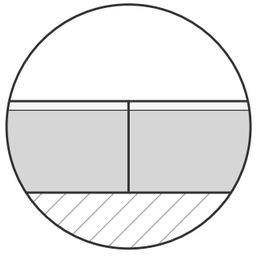
Pile Direction

Ensure pile direction is installed downwards.



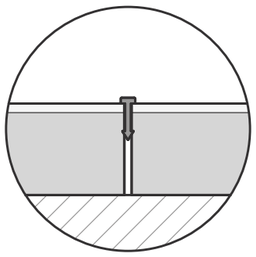
Butt Join

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



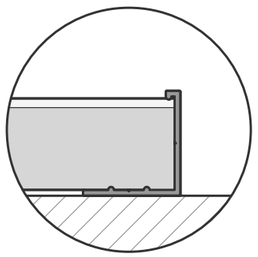
Butt Joining with Trims

Joins between panels can be detailed with a Tee Joiner. Ensure a 1/16" gap between panels to allow for installation of trims. Please refer to Edging Solutions Production Guide for further details.



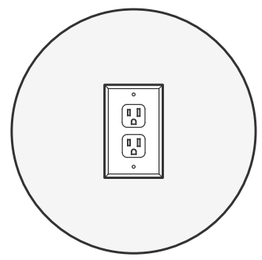
Edge Trims

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



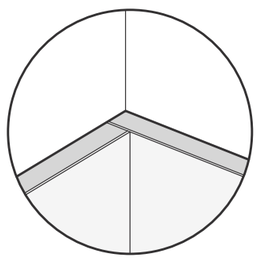
Power Outlets and Light Switches

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.



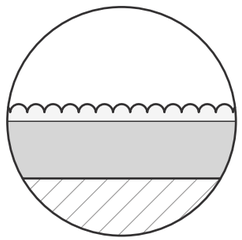
For further installation details, please refer to the Composition Installation Guide.

Colors and Finishes

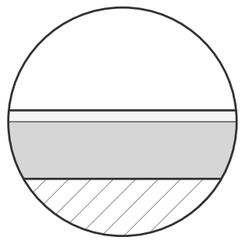
Composition® Colors

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

Velour and smooth finish options available.



Velour Finish



Smooth Finish



Color 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
Herald	13
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 fiber 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..

EN 15804 COMPLIANT EPD Global GreenTag

GREENTAG CERTIFIED trustbrands

Declare.

CERTIFIED INDOOR AIR QUALITY SCS GLOBAL SERVICES

hpdc MEMBER

Third Party Verified

Telarc. Registered cert TM Environment ISO 14001

Telarc. Registered cert TM Quality ISO 9001

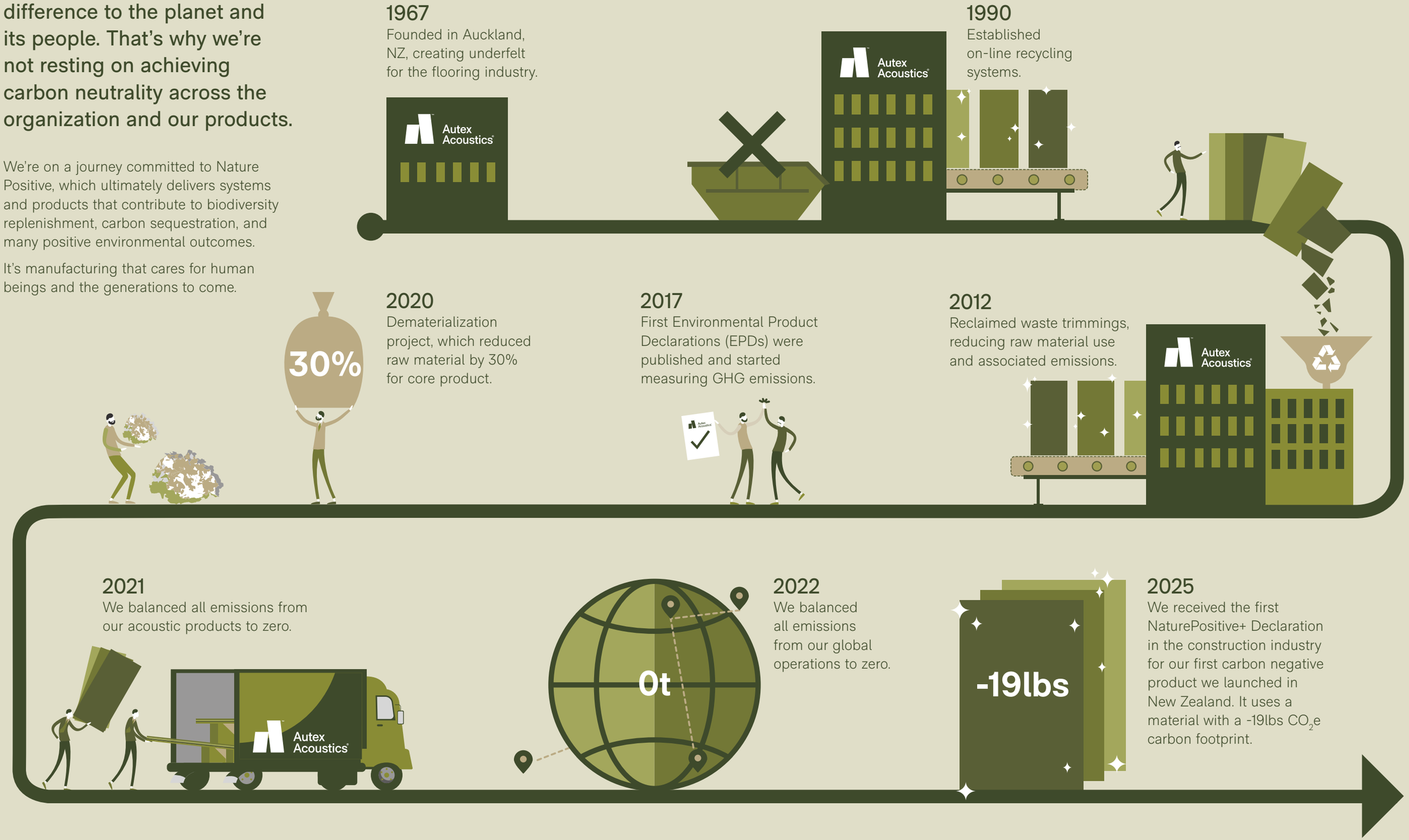
Telarc. Registered cert TM Health & Safety ISO 45001

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 organization 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.

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

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

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

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 -19lbs CO_2e carbon footprint.

Technical Information

Overview

NRC	**0.40**
Content	100% PET, incl. recycled fiber
Form	Panel and roll
Dimensions	Panel: 47.25" x 110" (1200mm x 2794mm) Roll: 4' x 36' (1220mm x 11m)
Thickness	0.4" - 0.5" (10 - 12mm)
Origin	Fabricated in the United States

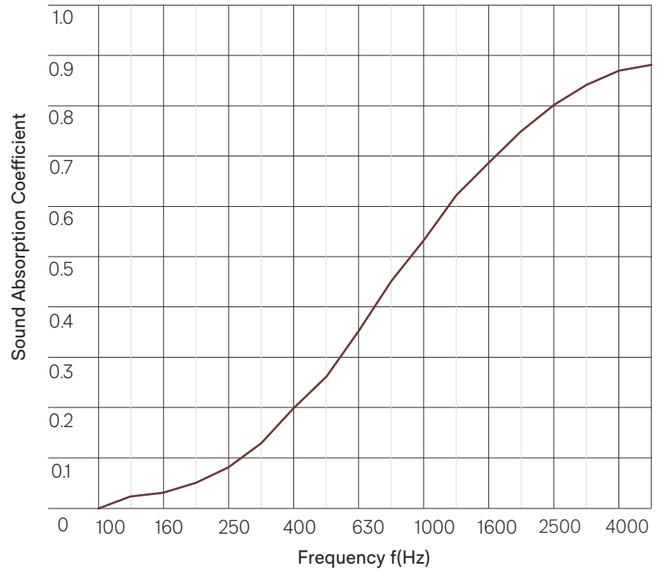
Acoustic Performance

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

Acoustic testing conducted to ISO 354:2003. Official reports available on request.

Practical Sound Absorption Coefficients

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
● Composition	0.00	0.10	0.25	0.55	0.75	0.85	0.40



Fire Considerations

ASTM E-84-15a: **Class A rating**

Fire test report available on request.

Twenty 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.

Color fastness to light (ISO 105-B02:2014):
Rating: 6

Determination of colorfastness to rubbing (ISO 105-X12:2016):
Dry assessment: 4 - 5
Wet assessment: 4 - 5

Average % of water vapor sorption by weight after four days: 0.4%

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

CARBON NEUTRAL · hpdc MEMBER · EPD GREENTAG · Third Party Verified · Declare.