

COMPOSITION® PEEL'N'STICK TILES



AUTEX



© COMPOSITION®
PEEL 'N' STICK TILES
COLOUR: BLAZING RED



COMPOSITION® PEEL 'N' STICK TILES

Composition® Peel 'n' Stick is a pinnable, Velcro™ receptive acoustic wall-covering perfect for education and office environments. Composition is a great alternative to paint as it's 100% polyester, UV resistant, and durable – ensuring an amazing, blemish proof finish. Designed to control echo and reverberation, Composition's acoustic properties promote a focused and productive environment. With Peel 'n' Stick, you have creative freedom. Each tile has a simple adhesive backing, making it easy for anyone to install. Mix and match colours and textures to create unique patterns.

As each project is different, our design team can cut custom shapes to fit your specific brief.

FEATURES AND BENEFITS

- Decorative, functional wall covering for classrooms, retail stores, and office interiors
- Pinnable and hook and loop receptive, perfect for use as noticeboards
- Fixed acoustic wall covering designed to improve the environment by reducing reverberation and background chatter
- Made locally
- Easy to install

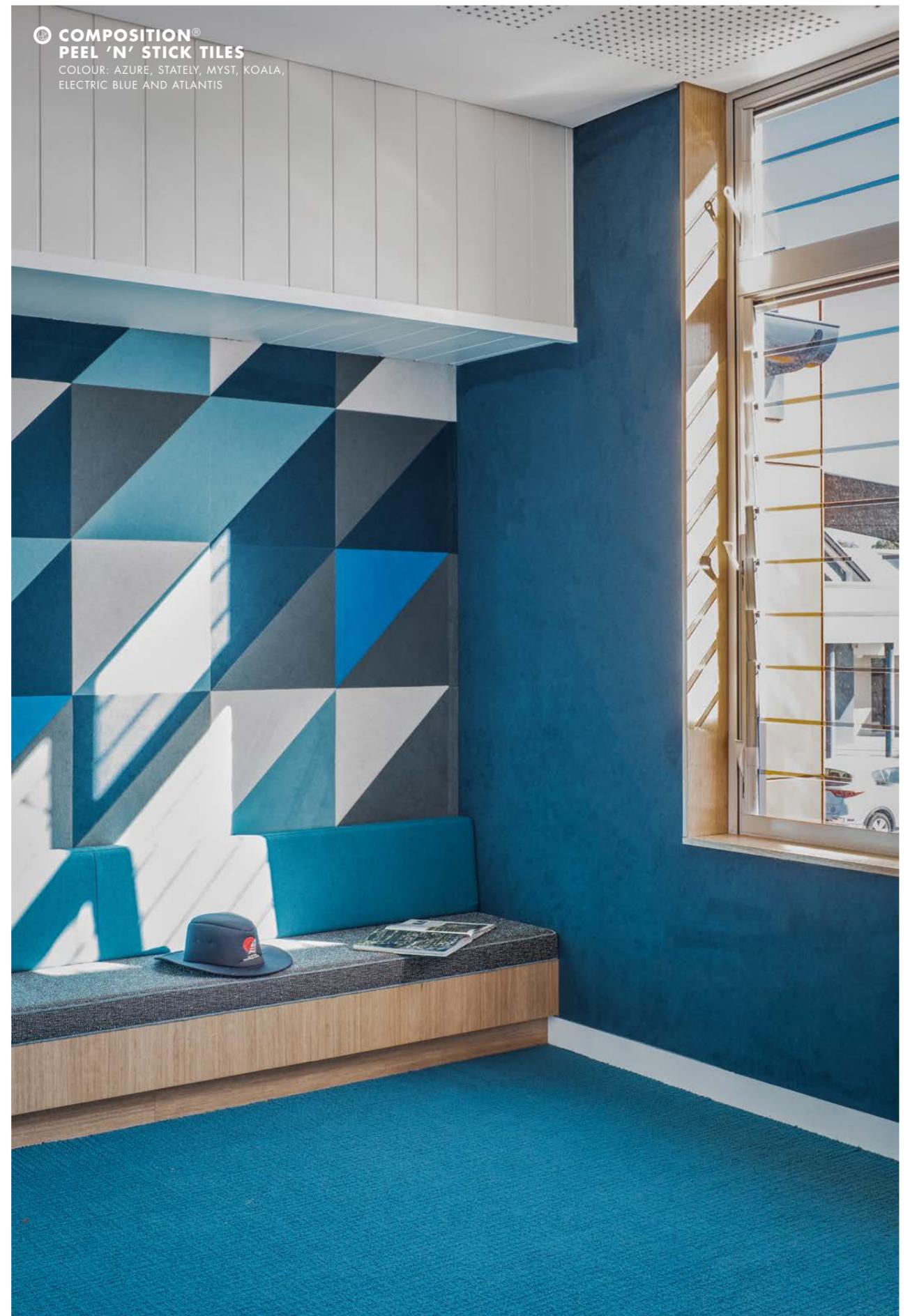
SPECIFICATION

(Wall) treatment shall be Autex Composition® Peel 'n' Stick Tiles from non-woven, needle-punched polyester containing no less than 60% post-consumer recycled material as manufactured by Autex. www.autexglobal.com

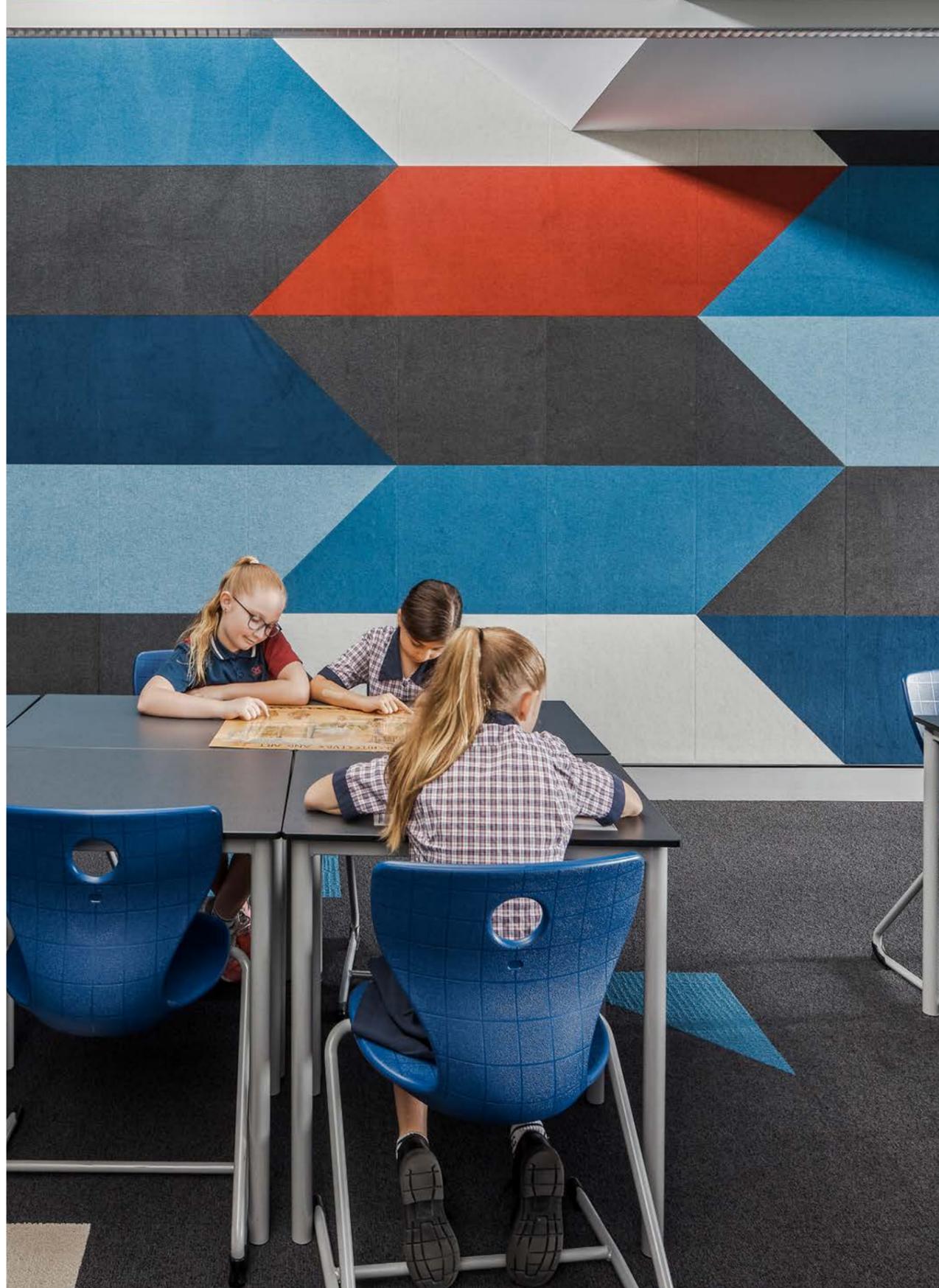
Tile 600mm x 600mm x 10-12mm (nom.) depth, colour (□), sound absorption: Class D, NRC 0.40, Fire ratings: ISO 9705: Classification: Group 1-S, AS ISO 9705 – 2003: Classification: Group 1, EN13501-1:2007+A1:2009: Classification: B-s1, d0

Install as per Autex recommendations.

If Composition® Peel 'n' Stick Tiles are to be specified for use other than as a wallcovering, please seek guidance from your Autex specification manager.



COMPOSITION®
PEEL 'N' STICK TILES
 COLOUR: BRILLIANT RED, STALEY, MYST,
 KOALA, ELECTRIC BLUE AND ATLANTIS



ABSORPTION COEFFICIENT ACCORDING TO ISO 354

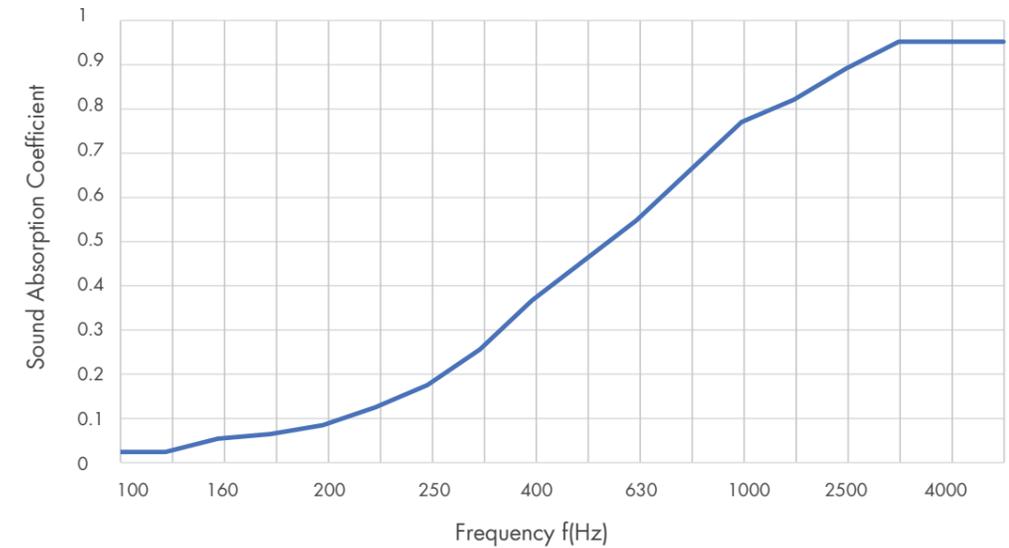


Table presents the practical sound absorption coefficients as according to ISO 11654. Graph presents third octave sound absorption coefficients (according to ISO 354 measurement of sound absorption in a reverberation room). The NRC rating is determined as the arithmetic average of the absorption coefficients measured by one-third octave bands centred on 250 Hz, 500 Hz, 1000 Hz and 2000 Hz, and rounded to the nearest 0.05.

Frequency (Hz)	University of Auckland Test Report Number	125	250	500	1000	2000	4000	NRC
Composition Peel 'n' Stick Tiles 10-12mm	T0814-2b	0.05	0.10	0.25	0.55	0.80	0.95	0.40

PRODUCT SPECIFICATIONS

Product Name	Composition® Peel 'n' Stick Tiles
Composition	100% polyester fibre (PET)
Size Options	600mm x 600mm
Size Tolerance	(+/-5mm) (+/-5mm)
Thickness	10-12mm
Thickness Tolerance	(+/-6%)
Weight	1680 GSM
Tiles Per Pack	6

ACOUSTIC PERFORMANCE

Composition Peel 'n' Stick Tiles are specifically designed to reduce and control reverberated noise (echo) in building interiors. Autex have researched the acoustic performance of Autex Composition when covered in unlaminated paper (e.g. children's artwork) and found that it helps achieve a more balanced acoustic environment. For more information on this please contact your Autex specification manager or call 1800 678 160.

INSTALLATION

Install as per Autex recommendations. Install instructions are included in each pack or available on the website. If Composition Peel 'n' Stick Tiles are to be specified for use other than as a wallcovering, please seek guidance from your Autex specification manager or call 1800 678 160.

THERMAL PERFORMANCE

10 - 12mm R0.22(@15°C)

LIGHT REFLECTIVE VALUES BY COLOUR

Civic	57	Avocado	11
Citrus	49	Blush	10
Myst	42	Sage	9
Sanz	36	Emerald	8
Wasabi	33	Sapphire	8
Lime	29	Atlantis	8
Azure	24	Blazing Red	8
Silver	23	Raspberry	8
Jade	22	Vintage	6
Porcelain	22	Chilli Red	5
Fawn	20	Cinder	5
Clay	20	Bark	5
Granny Smith	20	Octane	5
Stonewash	19	Phantom	4
Simba	18	Theatre	3
Brilliant Orange	15	Stately	3
Spearmint	13	Charcoal	3
Calypso	13	Lightsout	3
Electric Blue	12	Ink	3
Koala	12	Noir	1

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

FIRE RATINGS

Composition Peel 'n' Stick Tiles are a product made from Autex Composition as the base material. Composition has been evaluated using the following test methods:

ISO 9705: 1993

Classification: Group 1-S

Smoke Production Rate: <5.0m²/s

As required by NZBC C/VM2

AS ISO 9705 - 2003

Classification: Group 1

(SMOGRARC): <100m²/s²

Assessed using methodology AS ISO 9705:2003 in accordance with AS 5637.1:2015, as required by BCA Specification C1.10-4

FI 4894

FAR 4055

EN13501-1:2007

B - s1, d0

Report 189053

ASTM E84 - 14

Class A, FS:5 - SD:25

RJ3297

IMPACT RESISTANCE

ISO 7892:1988

Hard Body Impact

There is no surface damage or penetration to Composition Peel 'n' Stick Tiles when subjected to hard body impacts. A small indentation might be observed when subjected to an impact equivalent to the impact of a 0.5kg object dropped from a 0.5-m height. When adhered to 10mm plasterboard, the system can resist a 9-joule impact, and no further indentations are observed. This is equivalent to the impact of a 0.5kg object dropped from a 2m height.

Soft Body Impact

There is no surface damage or penetration to Composition Peel 'n' Stick Tiles when subjected to soft body impacts. When adhered to 10mm plasterboard, the system can resist a 70-joule impact. This is equivalent to the impact of a 50-kg object dropped from a 150mm height.

VOC EMISSIONS

Autex polyester has been tested for chemical emissions in accordance with ASTM D5116 and is considered a low VOC product.

VOC concentration: 0.009 mg/m³ (7 days)

WATER VAPOUR SORPTION

ASTM C1104 / C1104M-13a

Test conditions: 49°C, 95%RH

Water vapour absorbed and adsorped after 4 days: 0.4% by weight.

COLOUR FASTNESS TO LIGHT

Composition Peel 'n' Stick Tiles are suitable for indoor use only. Light fastness is dependent on use and exposure. Composition Peel 'n' Stick Tiles have been evaluated to the following standard:

ISO 105-B02:2014

Rating: 6 (Highest = 7)

COLOUR FASTNESS TO RUBBING

ISO 105-X12:2016

Dry Rating: 4-5 (Highest = 5)

Wet Rating: 4-5 (Highest = 5)

PATTERN REPEAT

Non-woven. No pattern repeat, but product has directional grain. Product may vary from samples and batch to batch due to fibre blending and lay-up, which is an inherent feature of this product.

FABRIC CARE

Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and excessive amounts of water as this will affect the finish. Use carpet or upholstery shampoo as directed. Blot with a clean dry cloth after each application of solution.

Custom printed Composition requires the services of a specialist cleaning company. Refer to the Autex Care and Maintenance Guide for more information.

MICROBIAL RESISTANCE

ASTM G21-15

Growth Rating: 0 (No growth)

Composition Peel 'n' Stick Tiles do not promote the growth of moulds and mildew.

USE OF HOOK FASTENERS

Although the product surface is receptive to hook fasteners, repeated fastening and unfastening may result in wear on the product surface finish.

This is not a product fault, but an inherent nature of non-woven textiles. We recommend low-profile, micro, or thin hook fasteners (max. 0.5mm) as these are found to provide minimal wear on the product surface.

Do not use high-profile or heavy-duty hook fasteners as they may result in visible wear in the product surface finish after repeated attachments. For further information and recommendations on suitable hook fasteners, please contact your Autex specification manager.

ENVIRONMENTAL

Autex is committed to best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems.

Autex Composition Peel 'n' Stick Tiles contain a minimum of 60% previously recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Autex Composition Peel 'n' Stick Tiles are manufactured from 100% polyester fibres and do not contain formaldehyde binders. Autex polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.

SERVICE

For further information about Composition Peel 'n' Stick Tiles or any other Autex product, please contact your Autex specification manager or visit our website.

COLOUR OPTIONS



Custom colours available on request, MOQ's apply.
To find out more, or to order a sample, please contact your
Autex specification manager or visit our website
www.autexglobal.com

COLOUR OPTIONS



Custom colours available on request, MOQ's apply.
To find out more, or to order a sample, please contact your
Autex specification manager or visit our website
www.autexglobal.com

CUSTOMISATION

As every space is different, Composition Peel 'n' Stick can be customised to fit a specific brief.

With our in-house design team capability, we can transform, cut, or mould any of our products to create a bespoke acoustic solution that is truly unique to your space. If you have an idea, let's make it happen.

Visit our website, or contact your Autex specification manager or call 1800 678 160.





CARING FOR THE ENVIRONMENT

Composition® Peel 'n' Stick Tiles are manufactured using 100% polyester fibre and contain a minimum of 60% previously recycled fibre (from PET plastics). Our products are designed to be recycled at the end of their life too. We use Life Cycle Analysis (LCA) to understand the environmental impacts of our products and set targets to reduce these. All our products have been verified as low VOC and are free from chemical binders making them great for indoor environmental quality (IEQ).

We have continual improvement programmes in which we implement a range of initiatives to mitigate the environmental 'hotspots' that we have identified. Our products are GreenRate Level A, Health Product Declaration (HPD), and CDHP Standard certified.

Composition Peel 'n' Stick Tile is Declare_{SM} certified to be Red List free and can be used in Living Building Challenge projects. Autex has a high functioning Environmental Management System (ISO 14001) to enhance our environmental performance and contribute to sustainable development.



Declare.



AUTEX

Interior Acoustics

www.autexglobal.com

AN ISO 9001 AND ISO 14001 CERTIFIED COMPANY

Autex Industries Ltd
702-718 Rosebank Rd,
Private Bag 19988,
Avondale 1746, Auckland,
New Zealand
Freephone **0800 428 839**
Phone **+64 9 828 9179**
Fax **+64 9 828 5810**

Autex Australia Pty Ltd
166 Bamfield Road,
PO Box 5099,
West Heidelberg, Melbourne,
VIC 3081, Australia
Freephone **1800 678 160**
Phone **+61 3 9457 6700**
Fax **+61 3 9457 1020**

Autex Acoustics Ltd
Unit J4, Lowfields Way,
Lowfields Business Park,
Eland, West Yorkshire,
HX5 9Da,
United Kingdom
Phone **+44 0 1422 418899**

Autex Acoustics LLC
19350 Van Ness Avenue
Torrance, CA 90501
United States of America
Phone **+1 424 203 1813**

The brand names and logos mentioned herein are registered or unregistered trademarks either owned or used under license by Autex Industries Limited or other members of the Autex Group. The contents of this document are protected by Copyright 2020 Autex Industries Ltd. All Rights Reserved.

It is the user's responsibility to determine if the product and information presented in this document is suitable for the intended application by engaging a suitably qualified consultant. The information contained in this document is correct to the best of our knowledge at the date of its publication. To verify that this document is the most current publication please check our website or contact your Autex account manager.