

COMPOSITION PEEL'N'STICK TILES



AUTEX 

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



## COMPOSITION® PEEL'N'STICK TILES

Composition® Peel'n'Stick Tiles is an acoustic fabric tile made in solid colours which unlike it's big brother comes in packs of 6 with a super easy to install adhesive back which means anyone can do it. It can be used as a pinnable surface and it is hook and loop receptive, so you can use things like Velcro on it.

Beyond all that, it reduces and manages the echo in the room resulting in a much more peaceful space. Plus it's super flexible so you can use it as a wall feature or a full wall covering. The choice is yours.

And because not all spaces are the same we've given you creative freedom. Mix and match colours for endless options and quarter turn the tile for a same colour gradient effect. It's highly durable and takes everything you can throw at it giving you the assurance of longevity.

# COMPOSITION® PEEL'N'STICK TILES

## APPLICATIONS

- Decorative yet functional wall coverings for classrooms, retail stores or office interiors
- Pinnable and hook and loop receptive for use as noticeboards
- Fixed acoustic wall covering for the purpose of improving the environment by reducing reverberation and background chatter

## SPECIFICATION:

(Wall) treatment shall be Autex Composition® Peel'n'Stick Tiles from non-woven needle-punched polyester containing not less than 60% post-consumer recycled material as manufactured by Autex  
[www.autexindustries.com](http://www.autexindustries.com)

Tile 600mm x 600mm x 10-12mm (nom.) depth, colour (L), 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 Account Manager.

 **COMPOSITION®**  
**PEEL'N'STICK TILES**  
COLOUR: CITRUS, ATLANTIS  
AND NOIR





#### ABSORPTION COEFFICIENT ACCORDING TO ISO 354

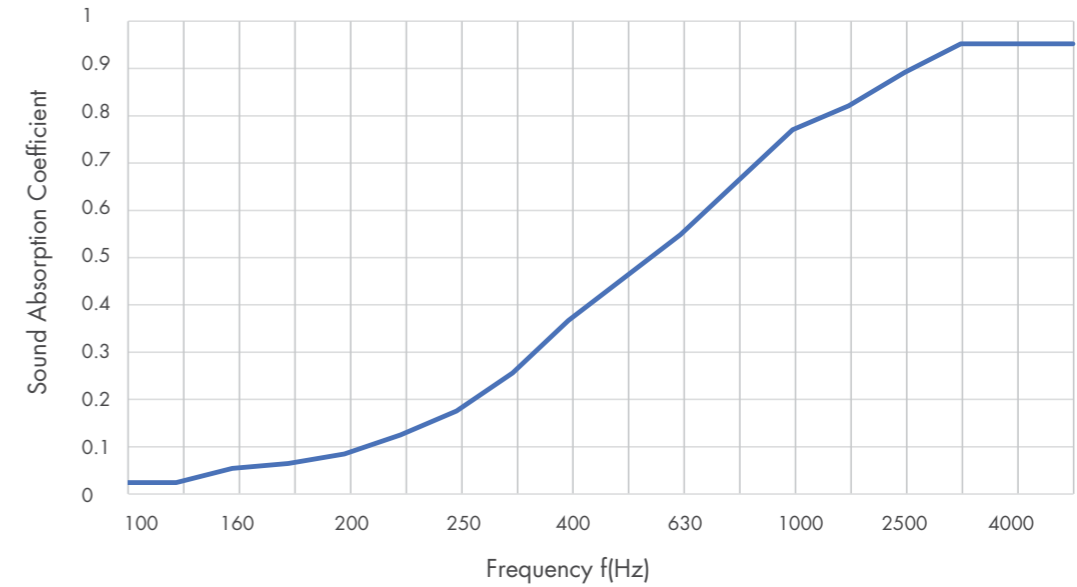


Table presents the practical sound absorption coefficients as according to ISO 11654. Graph presents third octave sound absorption coefficients (According to ISO 354 Measurement of sound absorption in a reverberation room.) The NRC rating is determined as the arithmetic average of the absorption coefficients 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

#### 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 account manager.

#### ACOUSTIC PERFORMANCE

Composition Peel'n'Stick Tiles are specifically designed to reduce and control reverberated noise (echo) in building interiors.

#### THERMAL PERFORMANCE

10 - 12mm R0.22(@15°C)

#### MICROBIAL RESISTANCE

ASTM G21-15

Growth Rating: 0 (No growth)

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

#### LIGHT REFLECTANCE VALUES BY COLOUR

Civic	57
Citrus	49
Silver	23
Granny Smith	20
Electric Blue	12
Atlantis	8
Blazing Red	8
Noir	1

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

## FIRE RATINGS

Composition Peel'n'Stick Tiles is a value-added 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: <5.0m<sup>2</sup>/s

As required by NZBC C/VM2

### AS ISO 9705 - 2003

Classification: Group 1

(SMOGRARC): <100m<sup>2</sup>/s<sup>2</sup>

Assessed using methodology AS ISO 9705:2003 in accordance with AS 5637.1:2015, as required by BCA Specification C.1.10-4

Fl 4894 dated 6 June, 2012

FAR 4055-2 dated 8th October, 2013

### EN13501-1:2007

B - s1, d0

Report 189053 dated 7 December, 2009

### ASTM E84 - 14

Class A, FS:5 - SD:25

R13297-9R1 dated 17th March 2015

## VOC EMISSIONS

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

VOC concentration: 0.009 mg/m<sup>3</sup> (7 days)

## WATER VAPOUR SORPTION

ASTM C1104 / C1104M-13a

Test conditions: 49°C, 95%RH

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

## 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. When adhered to 10mm plasterboard, the system can resist a 9-joule impact. This is equivalent to the impact of a 0.5kg object dropped from a 2m height. 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.

### 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.

## 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 Composition Peel'n'Stick Tiles Cleaning and Maintenance Guide for more information

## 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 does 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, Autex Quietspace® Panel or any other Autex product, please contact your Autex account manager or visit our website.

## COMPOSITION® PEEL'N'STICK TILES COLOUR OPTIONS



To order a colour sample, please contact your Autex account manager or visit [www.autexfrontier.com](http://www.autexfrontier.com)



## CARING FOR THE ENVIRONMENT

Composition® Peel'n'Stick Tiles is manufactured using 100% polyester fibre and contains 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, LCARate Gold and PHD level platinum certified.

Composition® Peel'n'Stick Tile is Declare<sup>SM</sup> 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 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**  
**www.autex.co.nz**

**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**  
**www.autex.com.au**

**Autex Acoustics Ltd**  
Unit J4, Lowfields Way,  
Lowfields Business Park,  
Elland, West Yorkshire,  
Hx5 9Da,  
United Kingdom  
Phone **+44 (0) 1422 418899**  
**www.autexacoustics.co.uk**

**Autex Acoustics LLC**  
19350 Van Ness Avenue  
Torrance, CA 90501  
United States of America  
Phone **+1(310)490-1591**  
**www.autexacoustics.com**

**Autex Acoustics  
Asia Sdn. Bhd**  
03-05, Indah Walk 3,  
Jalan Indah 15,  
Taman Bukit Indah,  
79100, Iskandar Puteri, Johor  
**www.autexacoustics.asia**