



COMPOSITION® PEEL 'N' STICK TILES

MANUFACTURER'S GUARANTEE

Composition® Peel 'n' Stick Tiles are manufactured by Autex Industries Ltd and Autex Australia Pty Ltd under ISO 9001 and ISO 14001 certified Environmental and Quality Management Systems. The product is guaranteed to be free from manufacturing defects, and carries a Manufacturer's Guarantee for a period of no less than ten years to meet all of the performance properties stated within this guarantee.

Product Name Composition® Peel 'n' Stick Tiles
Description 100% polyester needle punched, thermally bonded wallcovering.

AUTEX®	METRIC	IMPERIAL
Tile Dimensions	600x600mm	23.6" x 23.6"
Thickness	10-12mm	0.4" - 0.5"
Weight	Typically 1680gsm	

COMPOSITION

100% polyester fibre from polyethylene terephthalate (PET). Composition Peel 'n' Stick Tiles contain a minimum of 60% recycled polyester fibre.

SUITABLE APPLICATIONS

Pinboard and acoustic wallcovering. Accepts pins and staples.

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)

FIRE RATINGS

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 489
FAR 4055

EN13501-1:2007

B - s1, d0

Report 189053

ASTM E84 - 14

Class A, FS:5 - SD:25

RJ3297

ACOUSTIC PERFORMANCE

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

Autex have researched the acoustic performance of Autex Composition when covered in paper (e.g. children's artwork) and found that it helps achieve a more balanced acoustic environment. In some cases, covering Composition with unlaminated paper can have a positive effect on the acoustic performance of the wall. For more information on this please contact your Autex account manager. Noise Reduction Coefficient 0.40

Acoustic testing to ISO 354. University of Auckland Testing Service
Composition® - Test No. T0814-2b

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
Composition®	0.05	0.10	0.25	0.55	0.80	0.95	0.40

THERMAL PERFORMANCE

R0.22 (@15°C)

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)

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.



FINISH

Non-woven. No pattern repeat, but Composition Peel 'n' Stick Tiles have a 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.

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 account manager.

PHYSICAL DESCRIPTION / PROPERTIES

Boiling Point:	N/A
Melting Point:	250°C 482°F
Vapour Pressure:	N/A
Specific Gravity:	Polyester 1.38
Flash Point:	N/A
Explosive Limits:	N/A
Solubility in Water:	Not soluble
Alkalinity:	pH 7.8
Relative Vapour Density:	N/A

CARE AND MAINTENANCE

Maintain in accordance with the Care and Maintenance Guide available for this product.

AUTEX 
Interior Acoustics

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AN ISO 9001 AND ISO 14001 CERTIFIED COMPANY

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