

Quietspace® 3D Ceiling Tiles are manufactured by Autex Industries Ltd under an ISO 9001 and ISO 14001 accredited Quality and Environmental 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 Quietspace® 3D Ceiling Tiles
Description 100% polyester thermally moulded, needle punched tile
Tile Dimensions 595mm x 595mm
Thickness Tiles range from 25mm to 140mm. Refer to datasheet for specific thickness values.
Weight 1200gsm

Composition
 100% polyester fibre from polyethylene terephthalate (PET). Quietspace 3D Ceiling Tiles contain a minimum of 60% recycled polyester fibre.

Suitable applications
 Decorative and functional acoustic tile for retail, education, hospitality and commercial interiors.

Colour Fastness to Light
 Quietspace 3D Ceiling Tiles are suitable for indoor use only. Colour and light-fastness are dependent on use and exposure.

Light Reflective Values by Colour

Avocado	10.87	Bark	5.04	Noir	1.16
Blush	10.30	Porcelain	21.64	Granny Smith	19.72
Stately	3.24	Stonewash	18.94	Blazing Red	7.85
Civic	57.28	Silver	23.37	Brilliant Orange	15.31
Fawn	20.30	Charcoal	3.17	Electric Blue	12.15

Fire Ratings (Testing results for 6mm Workstation)

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
 (SMOGR_{Arc}): <1.00m²/s²
 As required by BCA C1.10
 FI 4974 dated 16th September, 2012

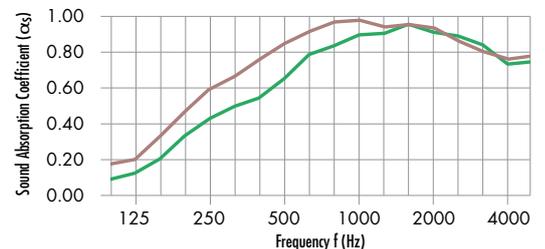
EN13501-1:2007+A1:2009
 B - s1, d2
 Report WF 336913 dated 19th March, 2014 (6mm Workstation)

ASTM E-84
 Class A, FS:0 - SD:10
 RJ3297-10 - 13th June, 2014

Finish
 Non-woven. No pattern repeat but fabric has 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.

Toxicity
 Polyester is classed as no more toxic than wood under the state of New York Article 15 part 1120. Polyester is pH7.8 (where pH7.0 is neutral), resistant to biological, bacterial or vermin attack.

Acoustic Performance
 Quietspace 3D Ceiling Tiles are specifically designed to reduce and control reverberated (echo) noise in building interiors.



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
αp	0.15	0.45	0.65	0.90	0.90	0.80	0.75
αp With AAB*	0.25	0.60	0.85	1.00	0.95	0.80	0.90

*Results with the addition of Autex AAB 3.5-2.5 polyester absorber inserts in back of tiles.

Physical description / properties

Boiling Point: N/A
 Melting Point: 230°C
 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.