

INTERIOR ACOUSTICS

LATTICE

MANUFACTURERS GUARANTEE

Lattice is manufactured by Autex Industries Ltd and Autex Australia Pty Ltd under an ISO 9001 certified Quality Management System. 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 Lattice
Description 100% polyester lightweight semi-rigid panel

AUTEX	METRIC	IMPERIAL
Thickness	12mm	1/2"
Tolerance	(+/- 6%)	(+/- 6%)
Weight	2300gsm	
Density	192kg/m3	

COMPOSITION

100% Polyester Fibre from polyethylene terephthalate (PET). Lattice is made from Autex Cube™ which contains a minimum of 45% previously recycled polyester fibre.

SUITABLE APPLICATIONS

Suspended.

COLOUR FASTNESS TO LIGHT

Lattice is suitable for indoor use only. Light fastness is dependent on use and exposure. Lattice has been evaluated to the following standard:
ISO 105-B02:2014
Rating: 6 (Highest = 7)

FIRE RATINGS

Lattice is a value-added product made from Autex Cube™ acoustic panels as the base material. Cube™ (12mm) 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 4974 dated 16th September, 2012 and FAR 4055-2 dated 8th October 2013

EN13501-1:2007+A1:2009

B - s2, d2
WF336911 dated 25th February 2014

ASTM E-84-15a

Class A, FS:0 - SD:45
RJ4479-2 dated 25th January, 2015

ACOUSTIC PERFORMANCE

Lattice is specifically designed to reduce and control reverberated (echo) noise in building interiors. For a copy of the full acoustic report please contact your Autex Account Manager.

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/m³ (7 days)

FINISH

Non-woven. No pattern repeat but Workstation 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.

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.

