



# INTERIOR ACOUSTICS

# HORIZON™

## MANUFACTURERS GUARANTEE

Horizon™ panels are 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** Horizon

**Description** 100% polyester lightweight semi-rigid panel.

**Panel Dimensions** Available in 5 geometric shapes. Please refer to Horizon brochure for individual dimensions.

EN13501-1:2007+A1:2009  
B - s2, d2  
WF336911 dated 25th February 2014

ASTM E-84-15a  
Class A, FS:0 - SD:65  
RJ4479-1 dated 25th January, 2016

### COMPOSITION

100% Polyester Fibre from polyethylene terephthalate (PET). Horizon contains a minimum of 45% previously recycled polyester fibre.

### SUITABLE APPLICATIONS

Suspended or wall mounted acoustic panels.

### BOX CONTENTS

Please refer to brochure.

### COLOUR FASTNESS TO LIGHT

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

### FIRE RATINGS

Horizon™ is a value-added product made from Autex Cube™ acoustic panels as the base material. Cube™ (24mm) 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

Australian Group Number: Group 1  
SMOGRARC: less than 100m2/s2  
Assessed using methodology AS ISO 9705:2003 in accordance with AS 5637.1:2015, as required by BCA Specification C1.10-4.  
FAR 4055-2 dated 8th October, 2013

### ACOUSTIC PERFORMANCE

Horizon 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/m<sup>3</sup> (7 days)

### FINISH

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.