



INTERIOR ACOUSTICS

CASCADE™

MANUFACTURERS GUARANTEE

The Cube™ component of Cascade™ Hanging Screens is manufactured by Autex Industries Ltd and Autex Pty Ltd under an ISO 9001 accredited Quality and 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	Cascade™
Description	100% polyester lightweight semi-rigid panel
Panel Dimensions	1200mm x 2400mm (+5mm/-0mm) (+10mm/-0mm)
Thickness	12mm (+/-6%)

Thickness measured in accordance with AS/NZS 2111.1:1996 – ISO2094:1986

COMPOSITION

100% Polyester Fibre from polyethylene terephthalate (PET). Cascade™ contains a minimum of 65% previously recycled polyester fibre.

SUITABLE APPLICATIONS

Fixed or suspended acoustic partition system.

PACK CONTENTS

1x Frontier Channel
2x Ceiling Connectors
2x 1 metre wires
2x Autex Suspension Sliders

FASTNESS TO LIGHT

Cascade™ is suitable for indoor use only.

FIRE RATINGS

(CONDUCTED ON 12MM CUBE)

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
As required by BCA C1.10
FI 4974 dated 16th September, 2012

EN13501-1:2007+A1:2009

B - s1, d2

ASTM E-84-14

Class A, FS:0 - SD:45
R14479:2 dated 25th January, 2015

ACOUSTIC PERFORMANCE

Cascade™ is specifically designed to reduce and control reverberated (echo) noise in building interiors. Cascade™ has a noise reduction coefficient (NRC) of 0.45.

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.

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
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.

