



**Autex  
Acoustics®**

# Vicinity™ Desk Screens

# Manufacturer's Guarantee

Vicinity™ Desk Screens are manufactured by Autex Industries Ltd and Autex Australia Pty Ltd under an ISO 9001 certified Quality Management System and an ISO 14001 Environmental 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.

## Specification

**Product Name** Vicinity™ Desk Screens  
**Description** 100% polyester lightweight semi-rigid panel, Desk Clamp powdercoated zinc.

	Metric
Dimensions	Available in 9 various sizes. Please refer to Vicinity Data Sheet for individual dimensions
Thickness	12 mm
Tolerance	(+/- 6%)

## 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



## Acoustic Performance

Vicinity Desk Screens are specifically designed to reduce and control reverberated (echo) noise in building interiors.

Acoustic performance is estimated from the results of a suspended full panel tested according to ISO 354 in a reverberation room. Results have been calculated at one-third octave bands centred on 250 Hz, 500 Hz, 1000 Hz and 2000 Hz. and rounded to the nearest 0.05.

All results are reported in metric sabin - per unit.

Frequency (Hz)	125	250	500	1000	2000	4000	Metric Sabin Per Unit
<b>Hedge</b> (1600mm)	0.3	0.65	0.9	1.1	1.35	1.5	1
<b>Hedge</b> (1800mm)	0.35	0.75	1	1.2	1.55	1.75	1.1
<b>Slate</b> (800mm)	0.15	0.3	0.4	0.5	0.65	0.75	0.5
<b>Sol</b> (600mm)	0.1	0.2	0.25	0.35	0.4	0.45	0.3
<b>Crest</b> (1600mm)	0.2	0.45	0.6	0.75	0.95	1.05	0.7
<b>Nook</b> (1600mm + 1800mm)	0.5	1	1.4	1.65	2.1	2.35	1.55
<b>Haven</b> (1600mm + 1800mm)	0.5	1	1.4	1.65	2.1	2.35	1.55
<b>Den</b> (1600mm + 1800mm)	0.25	0.5	0.7	0.85	1.05	1.2	0.75
<b>Polka</b> (772mm + 380mm)	0.2	0.45	0.65	0.75	1	1.1	0.7

## Product Specifications

### Composition

100% polyester fibre from polyethylene terephthalate (PET). Vicinity Desk Screens contain a minimum of 60% previously recycled polyester fibre.

### Suitable applications

Suitable for most desks in a variety of workspaces, including: commercial and home offices, classrooms, and libraries.

### Fire ratings

Vicinity™ is a product made from Autex Cube™ as the base material. Cube has been evaluated using the following test methods:

#### ISO 9705: 1993

Classification: Group 1-S  
Smoke Production Rate:  
<5.0m<sup>2</sup>/s

As required by NZBC C/VM2

#### AS ISO 9705 - 2003

Classification: Group 1  
(SMOGR<sub>arc</sub>): <100m<sup>2</sup>/s<sup>2</sup>

Assessed using methodology AS ISO 9705 - 2003 in accordance with AS 5637:2015, as required by BCA Specification C1.10-4  
FI 4974  
FAR 4055

### BS EN 13501-1:2018

Wall applications  
Classification: B-s<sub>2</sub>d<sub>0</sub>  
(Cube™ 12mm)

Tested using BS EN ISO 11925-2:2020 and BS EN 13823:2020 and classified in accordance with BS EN 13501-1:2018, as required by BS EN 15102:2007 + A1:2011. EUI-20-000268-A

### BS EN 1021-1

Result: Pass (Cigarette)  
1362214.7

### ASTM E-84-15a

Class A, FS:0 - SD:45  
(Cube 1/2")  
R14479-2

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

### Water vapour sorption

ASTM C1104 / C1104M-13a  
Test conditions: 49°C, 95%RH  
Water vapour absorbed and adsorped after 4 days:  
0.4% by weight

### Microbial resistance

ASTM G21-15  
Growth Rating: 0 (No growth)  
Vicinity does not promote the growth of moulds and mildew.

### Colour fastness to light

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

### Colour fastness to rubbing

SO 105-X12:2016  
Dry Rating: 4-5 (Highest = 5)  
Wet Rating: 4-5 (Highest = 5)

### Fabric care

Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and using excessive amounts of water as this will affect the finish.

Use carpet or upholstery shampoo as directed. Blot with a clean, dry cloth after each application of the solution. Custom printed Cube requires the services of a specialist cleaning company. Refer to the Vicinity Care and Maintenance Guide for more information.

### Finish

Non-woven. No pattern repeat, but Vicinity Desk Screens 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.



---

## Service

For further information about Vicinity or any other Autex product, please contact your Autex account manager or visit our website.

The information contained in this document is correct to the best of our knowledge at the date of its publication. It is the user's responsibility to determine if this information is suitable for their intended application and to make sure that this document is the most current publication. You can do this by checking our website or contacting your Autex account manager.

---

## Care and Maintenance

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

---

### ● Autex Industries Ltd

702-718 Rosebank Rd  
Private Bag 19988  
Avondale 1746, Auckland  
New Zealand  
Freephone 0800 428 839  
Phone +64 9 828 9179  
Fax +64 9 828 5810

### ● Autex Australia Pty Ltd

166 Bamfield Road  
PO Box 5099  
West Heidelberg, Melbourne  
VIC 3081, Australia  
Freephone 1800 678 160  
Phone +61 3 9457 6700  
Fax +61 3 9457 1020

### ● Autex Acoustics Ltd

Unit J4, Lowfields Way,  
Lowfields Business Park,  
Elland, West Yorkshire  
Hx5 9Da  
United Kingdom  
Phone +44 0 1422418899

### ● Autex Acoustics LLC

1630 Dan Kipper Dr,  
Riverside, CA 92507  
United States of America  
Phone +1 424 203 1813

An ISO 9001, ISO 14001 and ISO 45001 certified company. The brand names and logos mentioned herein are registered or unregistered trademarks either owned or used under license by Autex Industries Limited or other members of the Autex Group. The contents of this document are protected by Copyright 2021 Autex Industries Ltd. All Rights Reserved. It is the user's responsibility to determine if the product and information presented in this document is suitable for the intended application by engaging a suitably qualified consultant. The information contained in this document is correct to the best of our knowledge at the date of its publication. To verify that this document is the most current publication please check our website or contact your Autex account manager.