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.

	Imperial
Dimensions	Available in 9 various sizes. Please refer to Vicinity Datasheet for individual dimensions
Thickness	1/2"
Tolerance	(+/- 6%)
Weight	2400gsm
Tolerance	(+/- 6%)

Physical Description / Properties

Boiling Point:	N/A
Melting Point:	482ºF
Vapor 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 Vapor 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 centered 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
Hedge (1600mm)	0.3	0.65	0.9	1.1	1.35	1.5	1
Hedge (1800mm)	0.35	0.75	1	1.2	1.55	1.75	1.1
Slate (800mm)	0.15	0.3	0.4	0.5	0.65	0.75	0.5
Sol (600mm)	0.1	0.2	0.25	0.35	0.4	0.45	0.3
Crest (1600mm)	0.2	0.45	0.6	0.75	0.95	1.05	0.7
Nook (1600mm + 1800mm)	0.5	1	1.4	1.65	2.1	2.35	1.55
Haven (1600mm + 1800mm)	0.5	1	1.4	1.65	2.1	2.35	1.55
Den (1600mm +1 800mm)	0.25	0.5	0.7	0.85	1.05	1.2	0.75
Polka (772mm + 380mm)	0.2	0.45	0.65	0.75	1	1.1	0.7

Product Specifications

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

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: <5.0m2/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
FAR 4055

BS EN 13501-1:2018
Wall applications
Classification: B-s2,d0
(Cube™ 1/2")
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")
RJ4479-2

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/m3 (7 days)

Water Vapor Sorption
ASTM C1104 / C1104M-13a
Test conditions: 49°C, 95%RH
Water vapor 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 molds and mildew.

Color 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)

Color 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 fiber 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.