

INTERIOR 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.

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

All results are reported in Metric Sabin - per unit. Equivalent sound absorption area according to ISO 354 measurement of sound absorption in a reverberation room. Average Absorption (Sabins per unit) calculated at one-third octave bands centred on 250 Hz, 500 Hz, 1000 Hz and 2000 Hz. and rounded to the nearest 0.05.

COMPOSITION

100% polyester fiber from polyethylene terephthalate (PET). 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.

COLOR FASTNESS TO LIGHT

Vicinity Desk Screens are suitable for indoor use only. Light fastness is dependent on use and exposure.

Vicinity Desk Screens have been evaluated to the following standard:

ISO 105-B02:2014

Rating: 6 (Highest = 7)

FIRE RATINGS

(Conducted on 1/2" 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

Fl 4974

FAR 4055

EN13501-1:2007+A1:2009

B - s2, d2

WF336911

ASTM E-84-15a

Class A, FS:0 - SD:45

RJ4479

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 250Hz, 500Hz, 1000Hz and 2000Hz and rounded to the nearest 0.05. All results are reported in metric sabin - per unit.

Description	125	250	500	1000	2000	4000	SABIN /UNIT
Hedge (60")	0.3	0.65	0.9	1.1	1.35	1.5	1
Hedge (72")	0.35	0.75	1	1.2	1.55	1.75	1.1
Slate (24")	0.15	0.3	0.4	0.5	0.65	0.75	0.5
Sol (24")	0.1	0.2	0.25	0.35	0.4	0.45	0.3
Crest (60")	0.2	0.45	0.6	0.75	0.95	1.05	0.7
Nook (60" + 72")	0.5	1	1.4	1.65	2.1	2.35	1.55
Haven (60" + 72")	0.5	1	1.4	1.65	2.1	2.35	1.55
Den (60" + 72")	0.25	0.5	0.7	0.85	1.05	1.2	0.75
Polka (15" + 30")	0.2	0.45	0.65	0.75	1	1.1	0.7

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)

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.

PHYSICAL DESCRIPTION / PROPERTIES

Boiling Point:	N/A
Melting Point:	250°C 482°F
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

CARE AND MAINTENANCE

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