



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

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.

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.

COLOUR FASTNESS TO LIGHT

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

FIRE RATINGS

(Conducted on 12mm Desk Screens)

ISO 9705: 1993

Classification: Group 1-S
 Smoke Production Rate: <5.0m²/s
 As required by NZBC C/VW2

AS ISO 9705 - 2003

Classification: Group 1
 (SMOGRARC): <100m²/s²
 FI 4974
 FAR 4055

BS EN 13501-1:2018

Wall applications
 Classification: B-s₂,d₀ (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:20000268A

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.

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.

Description	125	250	500	1000	2000	4000	SABIN /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 + 1800mm)	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

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 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.



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AN ISO 9001 AND ISO 14001 CERTIFIED COMPANY

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