



INTERIOR ACOUSTICS
LOCH™
DATASHEET

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LOCH™

Loch™ is the most user-friendly and dynamic privacy screen. This lightweight and solid color solution simply slides on and off standard desks and tables without the need for additional fixings. Popular within the commercial and education sectors, Loch not only creates on-demand privacy, but absorbs reverberation, leaving background noise unnoticed and you feeling focused.

Available in three designs in a range of colors, whether you want a stand out piece or you prefer them to fade into the background, Loch can be matched to any interior environment. Loch is most popular amongst the commercial and education section because as a workstation divider it can transform shared working spaces into a private desks in seconds.

And because not all spaces are the same we've given you creative freedom. We can cut to any shape and add any design, creating something as unique as each one of us. It's highly durable and takes everything you can throw at it giving you the assurance of longevity.

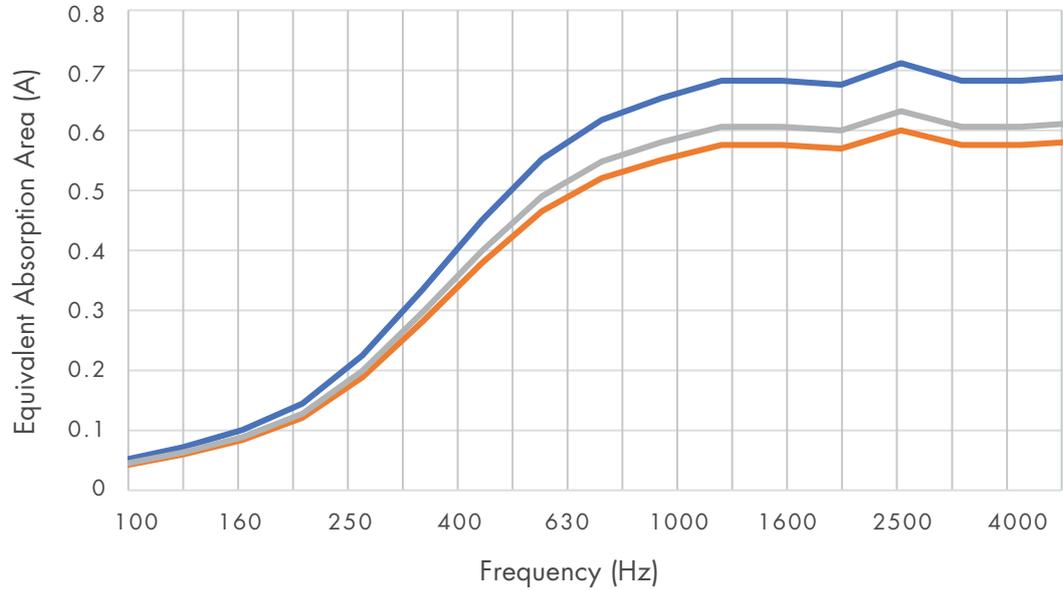
APPLICATIONS

- Suitable for desks 1" thick
- Decorative and functional slide-on desk divider
- Ideal for educational and commercial interiors
- Acoustic tackboard allowing individuals to personalize their space



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EQUIVALENT ABSORPTION AREA ACCORDING TO ISO 354



All results are reported in Metric Sabine - 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	University of Auckland Test report number	FREQUENCY (Hz)						Metric Sabine Per Unit
		125	250	500	1000	2000	4000	
Loch[™] Classic 1"	Calculated	0.1	0.2	0.5	0.7	0.7	0.7	0.50
Loch[™] Bevel 1"	Calculated	0.1	0.2	0.4	0.6	0.6	0.6	0.40
Loch[™] Arc 1"	Calculated	0.1	0.2	0.4	0.6	0.6	0.6	0.45

PRODUCT SPECIFICATIONS

Name	Loch [™]	
Composition	100% Polyester Fiber	
Product Dimensions	Depth on Desk	
Classic:	31.5" x 21.2"	27.4"
Arc:	31.2" x 21.1"	26.6"
Bevel:	31.5" x 21.2"	27.4"
Thickness	1"	
Tolerance	(+/- 6%)	
Weight	15.07 oz/ft ²	

INSTALLATION

Install as per Autex recommendations. Install instructions are included in each pack or available on the website

ACOUSTIC PERFORMANCE

Loch[™] is specifically designed to reduce and control reverberated noise (echo) in building interiors.



LOCH™
CUBE™
FIBRE™
BARRIER™
ACoustics™

FIRE RATING

Loch™ is a value-added 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 FAR 4055-2 dated 8th October, 2013

ASTM E84 - 15A

Class A, FS:0 - SD:65

RJ4479-1 dated 25th February, 2014

VOC EMISSIONS

Autex polyester has been tested for chemical emissions in accordance with ASTM D5116 and is considered as 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)

Loch™ does not promote the growth of moulds and mildew.

COLOR FASTNESS TO LIGHT

Loch™ is suitable for indoor use only. Light fastness is dependent on use and exposure. Loch™ has been evaluated to the following standard:

ISO 105-B02:2014

Rating: 6 (Highest = 7)

COLOR FASTNESS TO RUBBING

ISO 105-X12:2016

Dry Rating: 4-5 (Highest = 5)

Wet Rating: 4-5 (Highest = 5)

PATTERN REPEAT

Non-woven. No pattern repeat but product has 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.

FABRIC CARE

Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and 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 solution.

Custom printed Cube™ requires the services of a specialist cleaning company. Refer to the Loch™ Cleaning and Maintenance Guide for more information.

ENVIRONMENTAL

Autex is committed to best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems.

Autex Loch™ contains a minimum of 45% previously recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Autex Loch™ is manufactured from 100% polyester fibres and does not contain formaldehyde binders. Autex polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.

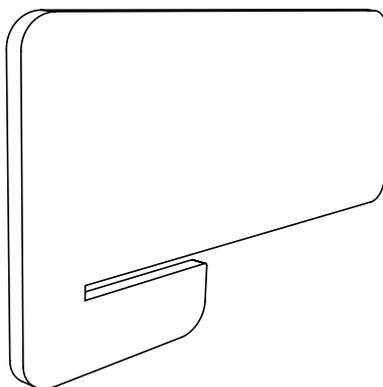
SERVICE

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

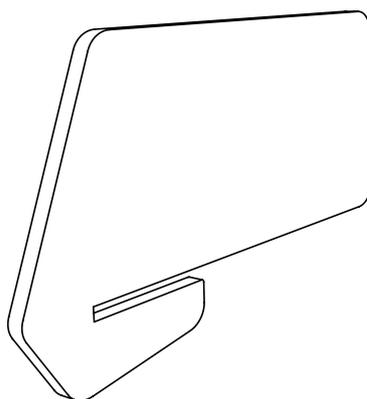


Autex Acoustics

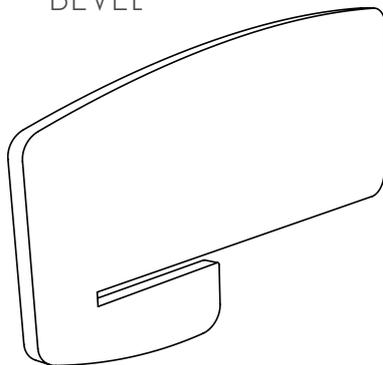
DESIGN OPTIONS



CLASSIC



BEVEL

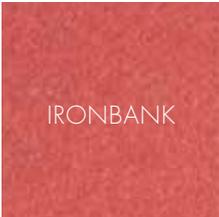
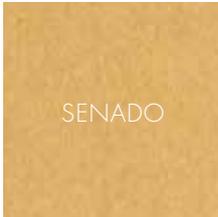
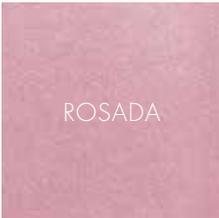
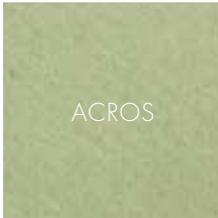
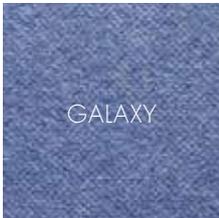


ARC



Autex

COLOR OPTIONS

 <p>IRONBANK</p>	 <p>ZENITH</p>	 <p>SENADO</p>
 <p>ROSADA</p>	 <p>OPERA</p>	 <p>ACROS</p>
 <p>TREE HOUSE</p>	 <p>LOTUS</p>	 <p>BOSCO</p>
 <p>PINNACLE</p>	 <p>GALAXY</p>	 <p>FALLING WATER</p>
 <p>EMPIRE</p>	 <p>FLATIRON</p>	 <p>SAVOYE</p>
 <p>PETRONAS</p>	 <p>PAVILION</p>	

MOQ's apply to some colors. To find out more, or to order a sample, please contact your Account Manager or visit our website.