



**Product
overview**

Loch™ is a simple, slide-on acoustic desk divider made from 100% polyester fiber. Lightweight and semi-rigid, Loch is designed to slide on and off standard desks without additional fixings.

Sustainable material

- Carbon neutral product
- Zero carbon manufacturing
- Recycled content
 - >80% recycled material
- Low VOC and CDPH compliant
 - <0.092 mg/m³ (7 days)
- Zero waste manufacturing initiative
- Sustainable supply chain and anti-modern slavery

**Environmental
certifications**

- EPD – compliant with ISO 14025 and EN 15804
- Declare – Red List free (third party verified)
- ISO 14001 Certified Environmental Management
- Health Product Declaration
- CDPH Standard



**Certifying your
green building**

Autex Acoustics® products meet criteria for WELL, LEED, Green Star, and BREEAM building rating systems, helping you achieve certification for your project. For support and guidance on available rating system points please visit autexacoustics.com, or speak with your Autex Acoustics account manager.

Product specifications

Product name	Loch™
Composition	100% polyester fiber (PET)
Thickness	1"
Tolerance	(+/- 6%)
Weight	12 oz/ft ²

Installation

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

	Product dimensions	Depth on desk
Classic	31.5" x 21.2"	27.4"
Bevel	31.5" x 21.2"	27.4"
Arc	31.2" x 21.1"	26.6"



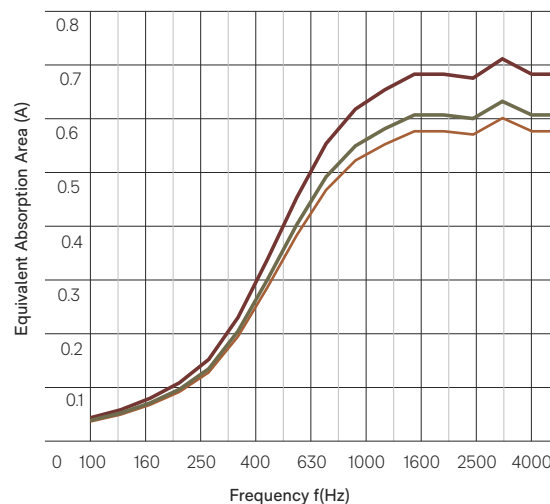
Acoustic performance

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

	Frequency (Hz)	125	250	500	1000	2000	4000	Metric sabine per unit
●	Loch Classic 1"	0.10	0.20	0.50	0.70	0.70	0.70	0.50
●	Loch Bevel 1"	0.10	0.20	0.40	0.60	0.60	0.60	0.40
●	Loch Arc 1"	0.10	0.20	0.40	0.60	0.60	0.60	0.45

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 centered on 250 Hz, 500 Hz, 1000 Hz and 2000 Hz. and rounded to the nearest 0.05.

Absorption coefficient according to ISO 354



Product specifications

Fire ratings

Loch is made from 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 5637:2015,

as required by NCC Specification 7: Fire Hazard

properties: S7C4

FI 4974

FAR 4055

BS EN 13501-1:2018

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

ASTM E-84-14

Class A, FS:0 - SD:45

RJ4479-2

Water vapor sorption

ASTM C1104 / C1104M-13a

Test conditions: 49°C, 95%RH

Water vapor absorbed and

adsorbed after 4 days:

0.4% by weight.

Microbial resistance

ASTM G21-15

Growth rating: 0 (No growth)

Loch does not promote the

growth of molds 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 fiber

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 Loch requires

the services of a specialist

cleaning company. Refer to

the Autex Acoustics Care

and Maintenance Guide for

more information.

Service

For further information about Loch, Cube, or any other Autex

Acoustics product, please

contact your account manager

or visit our website.



**Light reflectance
values by color**

Loch is suitable for indoor use
only. LRVs were measured
in accordance with BS
8493:2008+A1:2010

Acros	40	Opera	49
Beehive	33	Parthenon	33
Canyon	19	Pavilion	80
Caspian	6	Petronas	2
Cavalier	12	Pinnacle	3
Empire	5	Sargazo	4
Falling Water	34	Savoye	46
Flatiron	24	Senado	44
Gherkin	8	Terrace	24
Highland	19	Tree House	3
Muralla	9		

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