Autex Acoustics®

Cove™ Data Sheet

Product overview

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

Colour options

- Falling Water
- Galaxy
- Pinnacle
- Petronas
- Empire
- Flatiron
- Savoye
- Pavilion
- Ironbank
- Zenith
- Rosada
- Opera
- Senado
- Acros
- Bosco
- Lotus
- Tree House
- Gherkin
- Muralla
- Cavalier
- Beehive
- Parthenon
- Sargazo

Product specifications

Product name	Cove™
Composition	100% polyester fibre (PET)
Thickness	24 mm
Tolerance	(+/- 6%)
Weight	3600 gsm

	Product dimensions	Depth on desk
Classic	799 mm x 538 mm	696 mm
Bevel	794 mm x 535 mm	676 mm
Arc	799 mm x 538 mm	696 mm

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

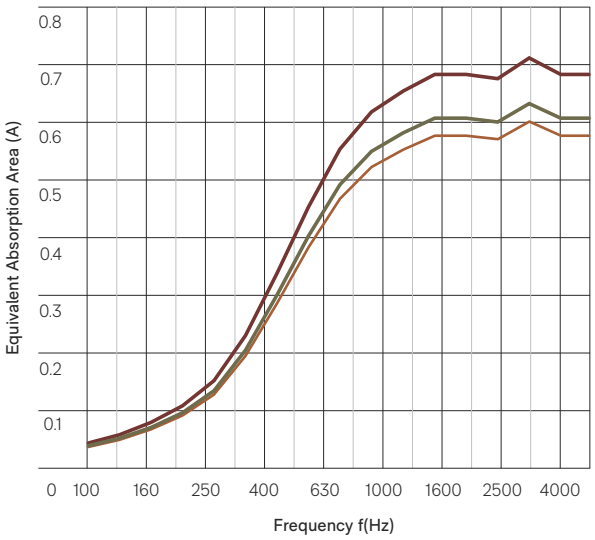
Acoustic performance

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

Frequency (Hz)	125	250	500	1000	2000	4000	Metric sabin per unit
Cove Classic 24 mm	0.10	0.20	0.50	0.70	0.70	0.70	0.50
Cove Bevel 24 mm	0.10	0.20	0.40	0.60	0.60	0.60	0.40
Cove Arc 24 mm	0.10	0.20	0.40	0.60	0.60	0.60	0.45

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.

Absorption Coefficient according to ISO 354



Product specifications

Fire ratings
Cove 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 5637.1:2015, as required by BCA Specification C1.10-4
FAR 4055

VOC emissions
Autex Acoustics 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 vapour sorption
ASTM C1104 / C1104M-13a
Test conditions: 49°C, 95%RH
Water vapour absorbed and adsorped after 4 days: 0.4% by weight.

Microbial resistance
ASTM G21-15
Growth rating: 0 (No growth)
Cove does not promote the growth of moulds and mildew.

Colour fastness to light
Cove is suitable for indoor use only. Light fastness is dependent on use and exposure. Cove has been evaluated to the following standard:
ISO 105-B02:2014
Rating: 6 (Highest = 7)

Colour 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 Cove requires the services of a specialist cleaning company. Refer to the Cove Care and Maintenance Guide for more information.

Environmental
Autex Acoustics is committed to best practice through our ISO 14001 certified Environmental Management Systems.

Cove contains a minimum of 60% previously recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Cove is manufactured from 100% polyester fibre and does not contain formaldehyde binders. Autex Acoustics polyester fibre supports safer indoor air quality and will not become a potential airborne pollutant.

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

Light reflectance values by colour

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

Pavilion	80	Galaxy	15
Opera	49	Lotus	14
Savoye	46	Ironbank	13
Senado	45	Cavalier	12
Rosada	44	Muralla	9
Acros	40	Gherkin	8
Falling Water	34	Empire	5
Parthenon	33	Sargazo	4
Beehive	33	Pinnacle	3
Bosco	29	Tree House	3
Flatiron	24	Petronas	2
Zenith	23		

Caring for the environment

Cove is manufactured using 100% polyester fibre and contains a minimum of 60% recycled fibre (from PET plastics). Our products are designed to be recycled at the end of their life too.

We have continual improvement programmes in which we implement a range of initiatives to mitigate the environmental 'hotspots' that we have identified. Our products are GreenRate Level A, Health Product Declaration (HPD), and CDHP Standard certified.

Cove is made from Cube which is DeclareSM certified to be Red List free and can be used in Living Building Challenge projects. Autex has a high functioning Environmental Management System (ISO 14001) to enhance our environmental performance and contribute to sustainable development.

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