



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.

Sustainable material

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

- 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



Declare.



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 autexglobal.com, or speak with your Autex Acoustics account manager.

Product specifications

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

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	799 mm x 538 mm	696 mm
Bevel	794 mm x 535 mm	676 mm
Arc	799 mm x 538 mm	696 mm



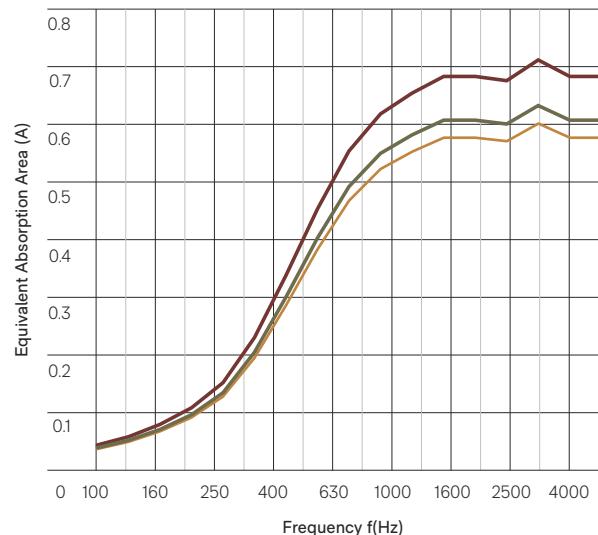
Acoustic performance

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 5637:2015, as required by NCC Specification 7: Fire Hazard properties: S7C4 FI 4974 FAR 4055

BS EN 13501-1:2018

Wall applications
Classification: B-s2,d0
(Cube™ 24 mm)
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.
7191343095-MEC24/03-JV

Ceiling applications

Classification: B-s2,d0
(Cube™ 24 mm)
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 13964:2014.
7191343095-MEC24/03-JV

ASTM E-84-14

Class A, FS:0 - SD:45
R14479-2

Water vapour sorption

ASTM C1104 / C1104M-13a
Test conditions: 49°C, 95%RH
Water vapour absorbed and adsorbed 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.

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

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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