

INTERIOR ACOUSTICS COVE





COVE™

Cove™ is a user-friendly and effective privacy screen. This lightweight, solid colour solution simply slides on and off standard desks and tables without the need for additional fixings. Cove not only creates on-demand privacy, but also absorbs reverberation – dampening background noise and promoting a focussed workspace.

Cove can slot into any interior environment, with three designs and a range of contemporary colours – it can stand out or blend in as you need. Cove is preferred in both the commercial and education sectors for its ability to easily transform shared workspaces into private desks.

Because all spaces are different, we've given you creative freedom. If you have a particular custom design in mind, our design team are on hand to turn your vision into a reality.

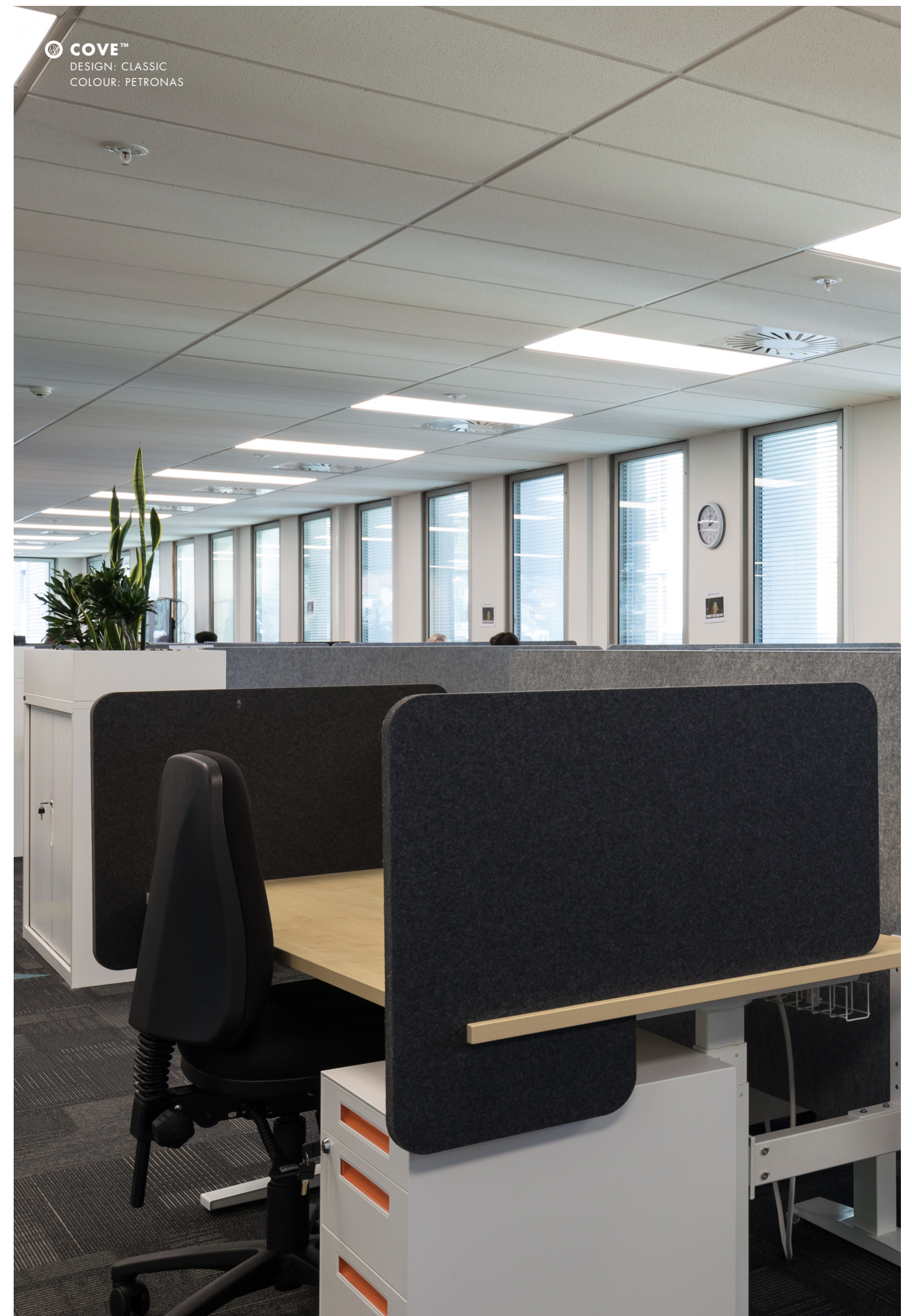


FEATURES AND BENEFITS

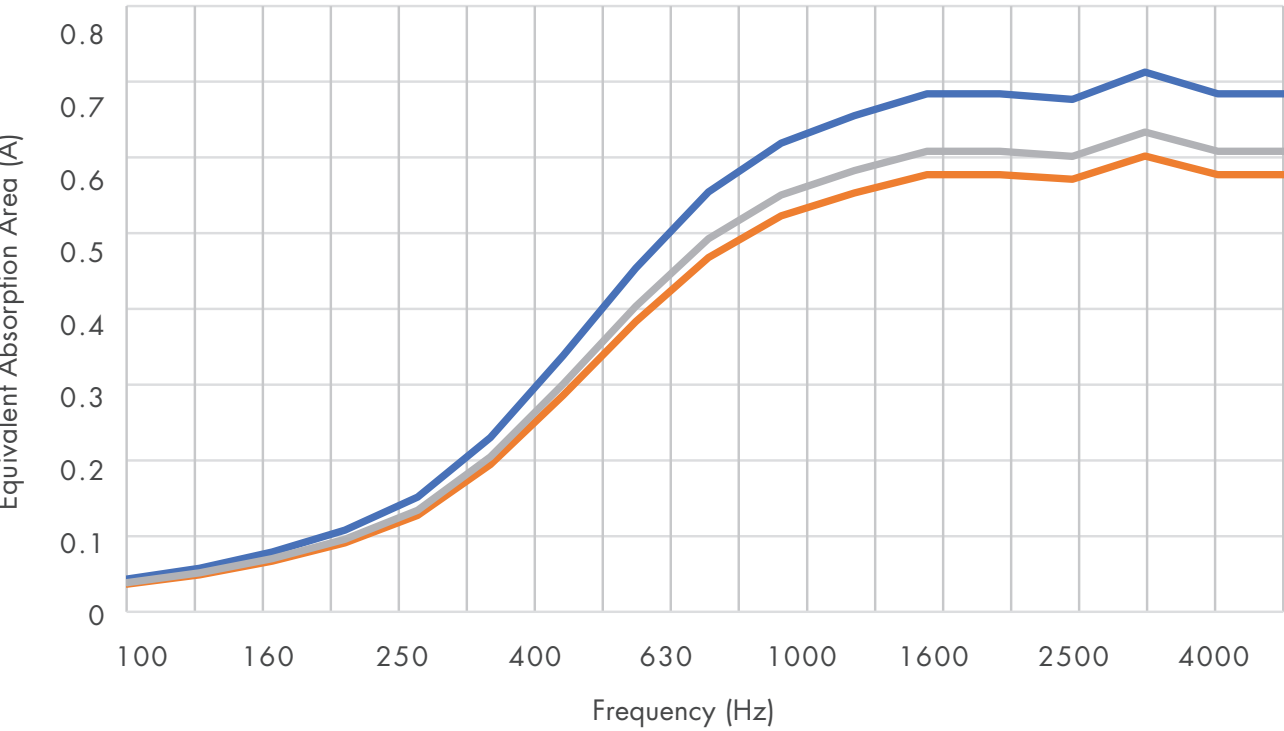
- Delivers excellent acoustic performance
- Solid colour and smooth finish, no capping required
- Pinnable surface
- UV resistant qualities
- Easy to clean
- Customisable
- Easy to install and move
- Made from compressed 100% polyester felt and does not contain formaldehyde, crystalline silica, or other carcinogens
- Low VOC – beneficial for IEQ
- High recycled polyester content
- Highly durable, assuring long-term stability and performance
- Made locally

APPLICATIONS

- Suitable for desks 24mm thick
- Ideal for educational and commercial interiors



EQUIVALENT ABSORPTION AREA ACCORDING TO ISO 354



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
Cove® Classic 24mm	0.1	0.2	0.5	0.7	0.7	0.7	0.50
Cove™ Bevel 24mm	0.1	0.2	0.4	0.6	0.6	0.6	0.40
Cove™ Arc 24mm	0.1	0.2	0.4	0.6	0.6	0.6	0.45

PRODUCT SPECIFICATIONS

Product Name	Cove™		
Composition	100% polyester fibre (PET)		
Product Dimensions	Depth on Desk		
Classic:	799mm x 538mm	696mm	
Bevel:	794mm x 535mm	676mm	
Arc:	799mm x 538mm	696mm	
Thickness	24mm		
Tolerance	(+/- 6%)		
Weight	3600gsm		

INSTALLATION

Install as per Autex 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 (echo) in building interiors.

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FIRE RATINGS

Cove is a 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

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).

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 Cube requires the services of a specialist cleaning company. Refer to the Cove Care 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 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.

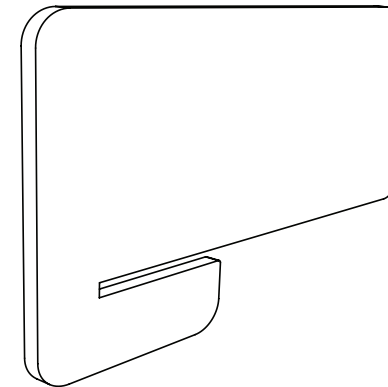
Autex Cove is manufactured from 100% polyester fibre and does not contain formaldehyde binders. Autex polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.

SERVICE

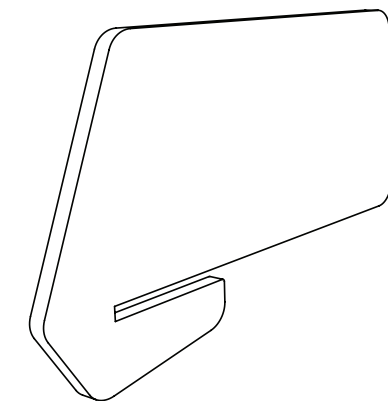
For further information about Cove, Autex Cube, or any other product, please contact your Autex account manager or visit our website.



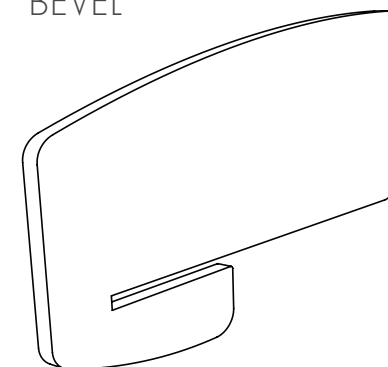
DESIGN OPTIONS



CLASSIC



BEVEL



ARC



CUSTOMISATION

As every space is unique, Cove can be customised to fit a specific brief. Working with our in-house design team, you can customise the size, shape, and colour of Cove to fit your design aesthetic. Cove can also be tailored to fit a range of desk thicknesses.

If you have an idea, let's work together to make it happen.





COLOUR OPTIONS

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



CARING FOR THE ENVIRONMENT

Cove™ is manufactured using 100% polyester fibre and contains a minimum of 60% previously recycled fibre (from PET plastics). Our products are designed to be recycled at the end of their life too. We use Life Cycle Analysis (LCA) to understand the environmental impacts of our products and set targets to reduce these. All our products have been verified as low VOC and are free from chemical binders, making them great for indoor environmental quality (IEQ). 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 CDPH Standard certified. Cove is made from Cube™ which is Declare_{SM} 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.



Declare.

