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ECHOCOVE[®] 24MM BOW DATASHEET

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PRODUCT NAME

EchoCove® 24mm BOW

DESCRIPTION

The new curved acoustic room divider EchoCove® BOW - elegance and flexibility for every room. The partitioning element gives the working environment a modern and functional atmosphere. With its gently curved shape, it adapts perfectly to any environment. Whether you want to create a separation for work areas, provide more privacy or simply enhance the aesthetics of the room, EchoCove® BOW is the ideal solution.

The partitioning element consists of the high-performance acoustic absorber EchoBoard® 24mm and is available in various designs. This panel is enclosed in a powder-coated metal frame with a solid base. EchoCove® BOW is more than just a room divider. It is an expression of style and at the same time creates a harmonious ambience.

PRODUCT PROPERTIES

Size: 1203x1810x294mm

Material thickness: 24mm

ACOUSTIC PERFORMANCE

aw: 1.00

NRC: 0.95

INSTALLATION

- Suitable for use in rooms as well as roofed outdoor areas
- Easily height-adjustable and installation without tools

MATERIAL PROPERTIES

- Extremely robust and shockproof
- Very high colour fastness of the all-round homogeneous textile surface available in over 20 colours
- Flame retardant. B-s1,d0 certified according to EN 13501
- Extremely low volatile organic compounds below < 0.5mg/m²/h, certified according to ASTM D5116
- Formaldehyde emission below < 0.1mg/m²/h, certified according to ASTM D5116
- Dimensionally stable up to 50°C and 95%rH
- Melting point: 250 °C
- Decomposition Temp: > 250 °C
- Alkalinity: pH: 7.8 (pH 7 is neutral)

CLEANING & CARE

Can be cleaned dry and damp with chlorine or hydrogen peroxide.

ENVIRONMENT

- 100% PET with a content of over 50% from recycled PET bottles
- 100% recyclable
- eco-1 rating within eco-bau & Minergie-Eco requirements
- Cradle to Cradle Bronze certified

DISPOSAL

The product is recyclable as part of ECHOJAZZ's stewardship programme.

DATASHEET ECHOBOARD® 24MM



EchoBoard® 24mm is a high quality sound absorber with an aw of up to 1.00 and a NRC of up to 0.95, which can be used for acoustic ceilings, walls, office desks or room dividers.

DESCRIPTION	EchoBoard® 24mm																												
DIMENSIONS	1800mm (± 1mm) x 2400mm (± 1mm)																												
COMPOSITION	100% PET (> 50% recycled PET)																												
PET BOTTLES* PER PANEEL	303 PET Bottles *The number of PET bottles refers to 500ml PET bottles with a bottle weight of 24g.																												
WEIGHT	3600g/m² (± 10%)																												
MATERIAL THICKNESS	24mm																												
LIGHTFASTNESS ISO 105-B02-1994	> 7																												
FIRE TEST EN 13501	B-s1, d0																												
VOC EMISSIONS ASTM D5116	< 0.5mg/m²/h																												
FORMALDEHYDE EMISSIONS ASTM D5116	< 0.1mg/m²/h																												
ENVIRONMENTAL CERTIFICATIONS	eco1 Minergie-Eco Cradle to Cradle Certified® Bronze M1 emission-free materials																												
SOUND ABSORPTION DIN EN ISO 11654 ASTM C423	aw 0.50 (direct mount) aw 0.65 (50mm wall/ceiling distance) aw 1.00 (200mm wall/ceiling distance) NRC = 0.70 (direct mount) NRC = 0.80 (50mm wall/ceiling distance) NRC = 0.95 (200mm wall/ceiling distance)																												
COLOURS	> 20																												
SOUND ABSORPTION GRAPH	<table><caption>Approximate data points from the Sound Absorption Graph</caption><thead><tr><th>Frequency (Hz)</th><th>Direct Mount (Green)</th><th>50mm Distance (Yellow)</th><th>200mm Distance (Blue)</th></tr></thead><tbody><tr><td>125</td><td>0.05</td><td>0.15</td><td>0.55</td></tr><tr><td>250</td><td>0.15</td><td>0.35</td><td>0.85</td></tr><tr><td>500</td><td>0.55</td><td>0.85</td><td>1.05</td></tr><tr><td>1000</td><td>0.85</td><td>1.05</td><td>0.85</td></tr><tr><td>2000</td><td>1.00</td><td>1.00</td><td>0.95</td></tr><tr><td>4000</td><td>1.05</td><td>0.95</td><td>1.00</td></tr></tbody></table>	Frequency (Hz)	Direct Mount (Green)	50mm Distance (Yellow)	200mm Distance (Blue)	125	0.05	0.15	0.55	250	0.15	0.35	0.85	500	0.55	0.85	1.05	1000	0.85	1.05	0.85	2000	1.00	1.00	0.95	4000	1.05	0.95	1.00
Frequency (Hz)	Direct Mount (Green)	50mm Distance (Yellow)	200mm Distance (Blue)																										
125	0.05	0.15	0.55																										
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4000	1.05	0.95	1.00																										

COLOURS ECHOBOARD® 24MM



ECHOBOARD® 24MM



*Discontinued. Colour available from stock while supplies last or on request with a minimum order quantity.



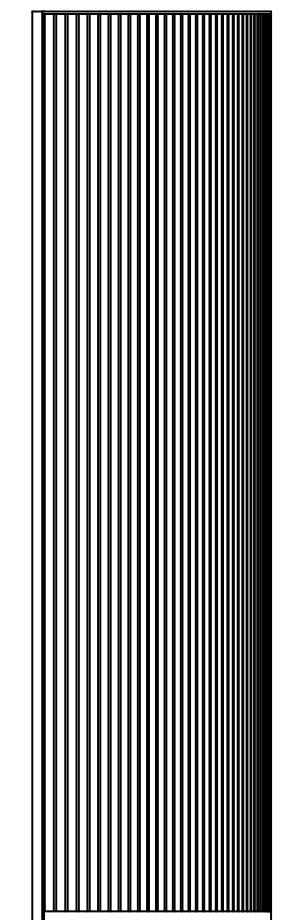
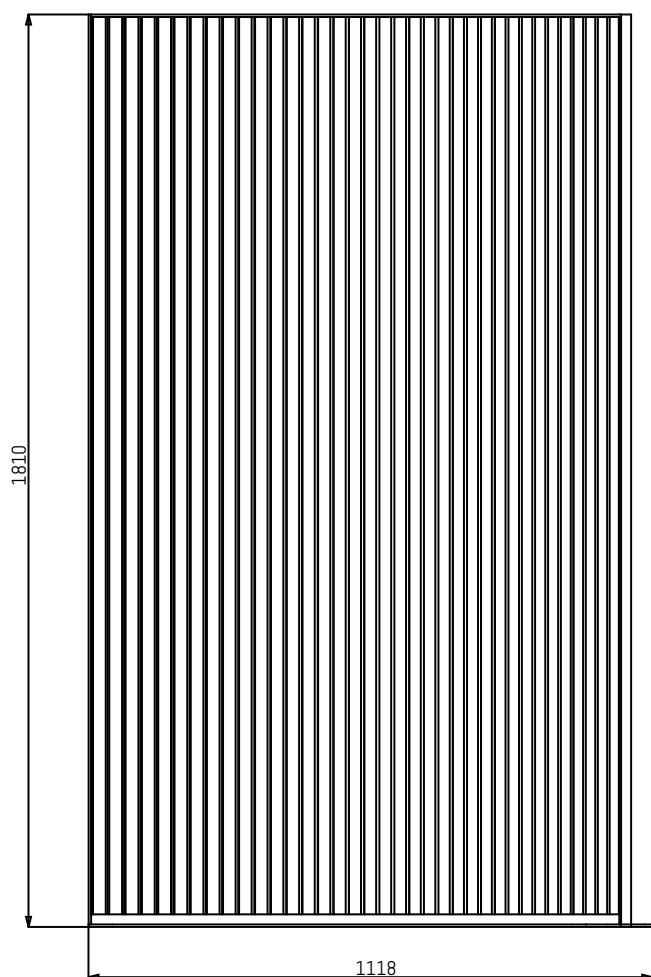
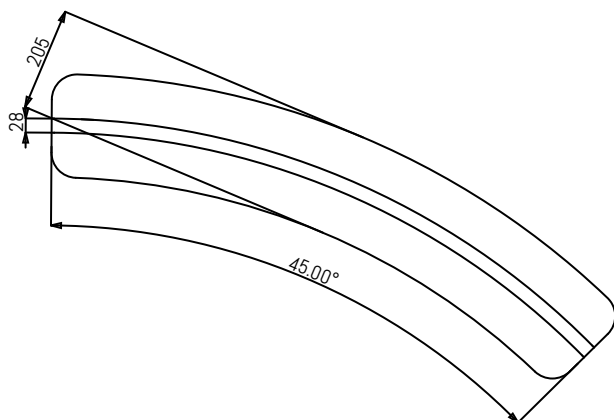
DIMENSIONS & PARTS



ECHOCOVE® 24MM BOW VERTIGO

1683/1688-1

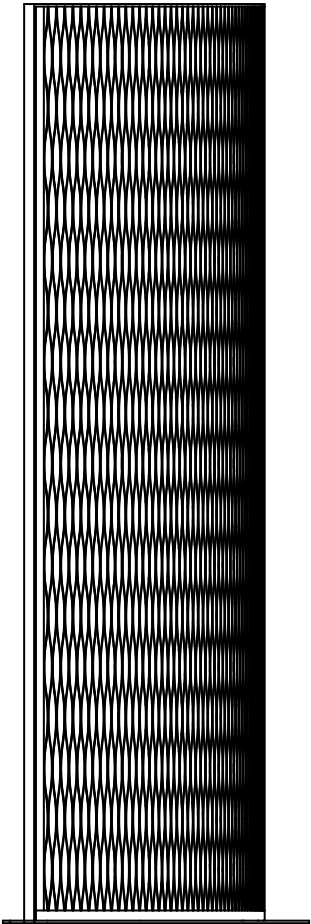
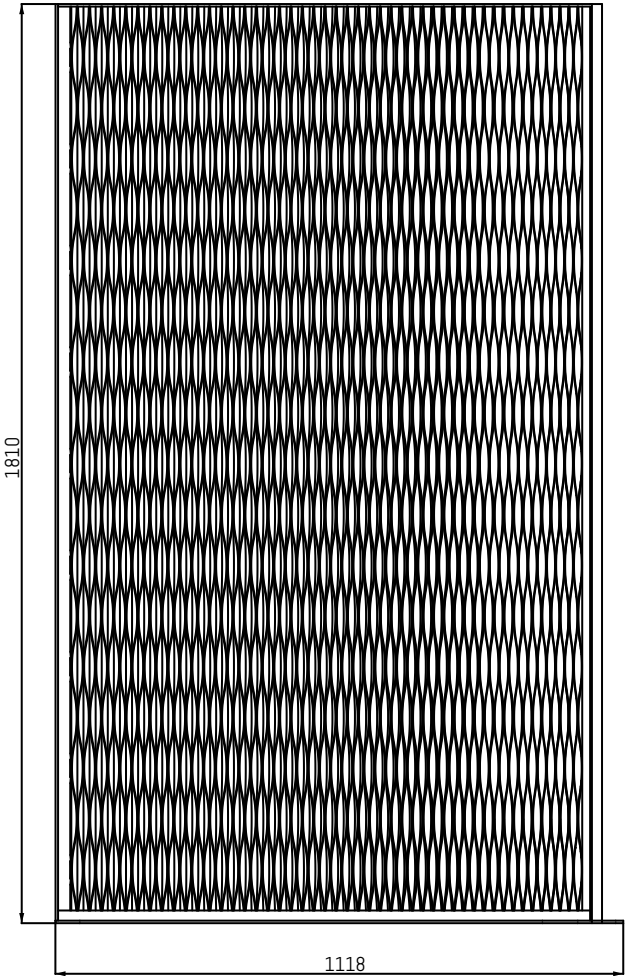
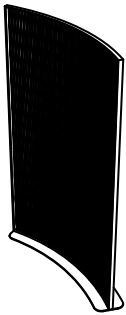
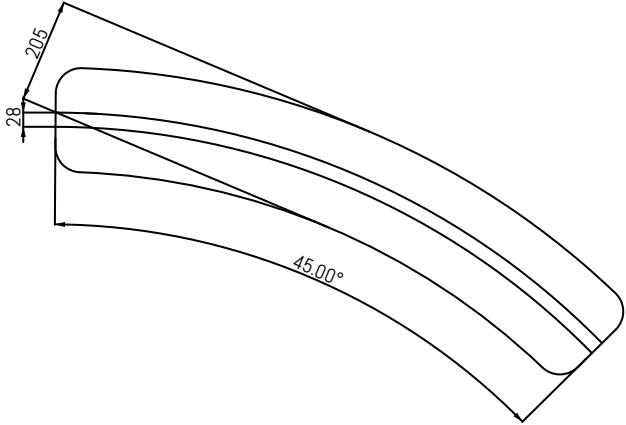
1203x1810x294mm



DIMENSIONS & PARTS



ECHOCOVE® 24MM BOW WOVEN
1683/1688-3
1203x1810x294mm



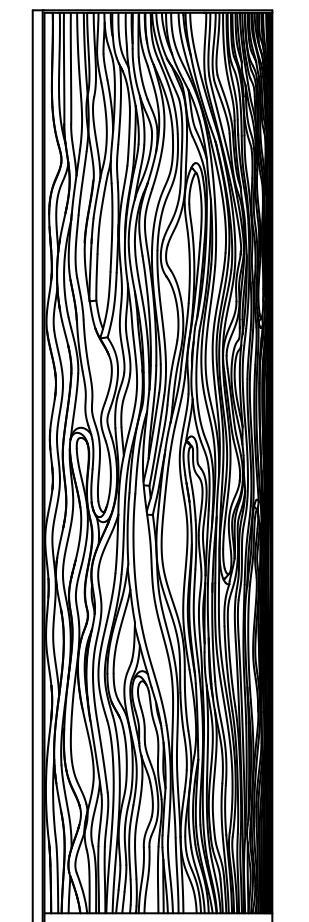
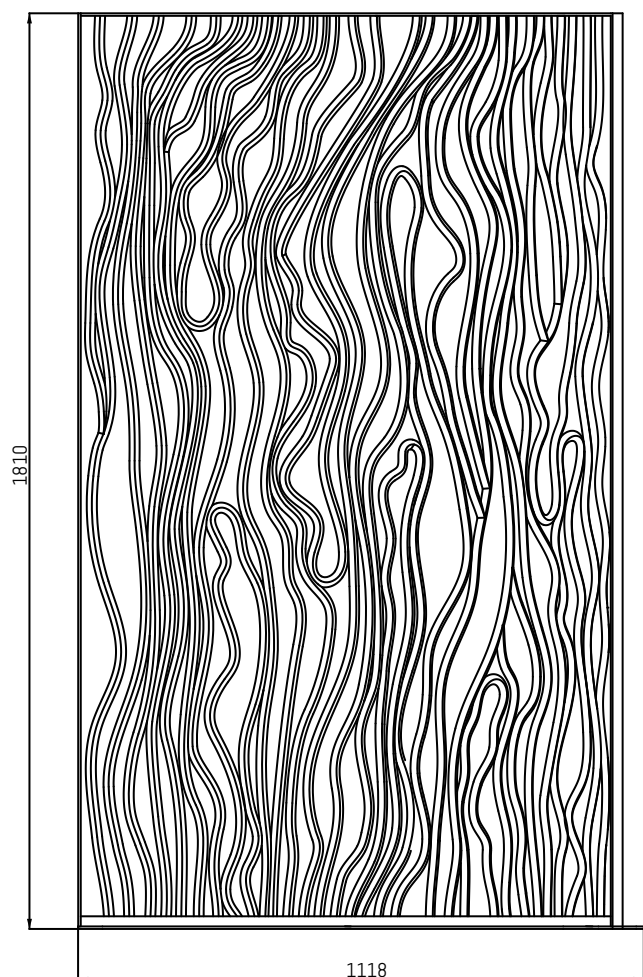
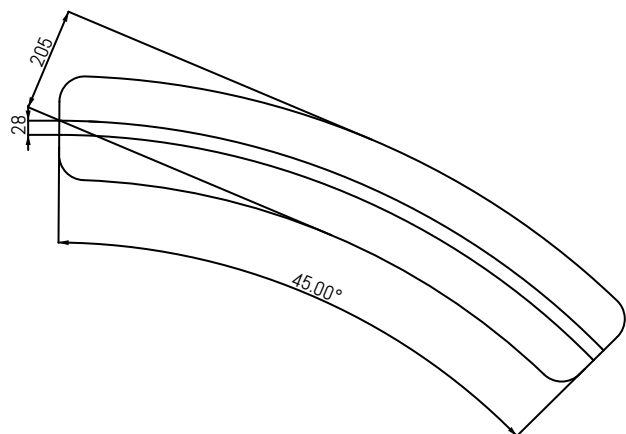
DIMENSIONS & PARTS



ECHOCOVE® 24MM BOW SERENITY (DESIGNED BY JULIA STÖCKLI)

1683/1688-2

1203x1810x294mm



SURFACE DISINFECTION

Spray disinfectants can be used for rapid surface disinfection.



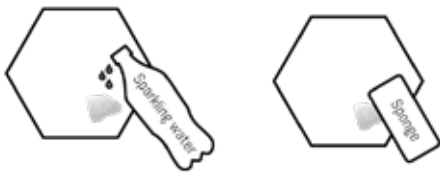
DUSTER/VACUUM CLEANER

For dusting use duster or vacuum cleaner.



SPARKLING WATER

For slight contamination apply sparkling water to polluted area. Wipe carefully with a sponge.



UPHOLSTERY CLEANER

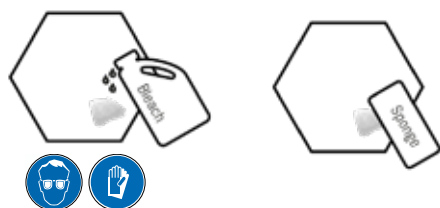
For medium contamination apply upholstery cleaner to polluted area. Wipe carefully with a sponge.



BLEACH

For heavy contamination apply bleach as chlorine or hydrogen peroxide on polluted area. Wipe carefully with a sponge and sparkling water.

Use of protection gloves and glasses is mandatory!



Please make first a cleaning attempt on an inconspicuous spot. Follow the instructions of the cleaning agents.