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ECHOCOVE[®] 24MM STAND DATASHEET

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PRODUCT NAME

EchoCove® 24mm STAND

DESCRIPTION

High-performance acoustic partition wall for soundproofing and for optimal room acoustics with textile surface made of 100% PET.

EchoCove® STAND offers a free-standing, frameless solution that can be used both as a room divider and as a workstation partition. The panel is available in four heights and two widths, with maximum dimensions of 180 cm x 180 cm. Three different powder-coated steel feet are available to ensure stability. Assembly is completely tool-free.

Create spatial separation with effective noise protection and customised design. As usual with ECHOJAZZ, size, colour and perforations are freely configurable. Our products are fully recyclable and are taken back at the end of their useful life.

PRODUCT PROPERTIES

Thickness: 24mm

Weight: 3600g/m² (± 10%)

ACOUSTIC PERFORMANCE

aw: 0.50 - 1.00

NRC: 0.70 - 0.95

INSTALLATION

- Frameless installation
- Suitable for use in rooms as well as roofed outdoor areas
- Very easy to trim with a knife

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 (aw)</th><th>50mm distance (aw)</th><th>200mm distance (aw)</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>1.05</td><td>1.00</td><td>0.95</td></tr><tr><td>4000</td><td>1.05</td><td>1.00</td><td>1.00</td></tr></tbody></table>	Frequency (Hz)	Direct mount (aw)	50mm distance (aw)	200mm distance (aw)	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	1.05	1.00	0.95	4000	1.05	1.00	1.00
Frequency (Hz)	Direct mount (aw)	50mm distance (aw)	200mm distance (aw)																										
125	0.05	0.15	0.55																										
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2000	1.05	1.00	0.95																										
4000	1.05	1.00	1.00																										

COLOURS ECHOBOARD® 24MM



ECHOBOARD® 24MM



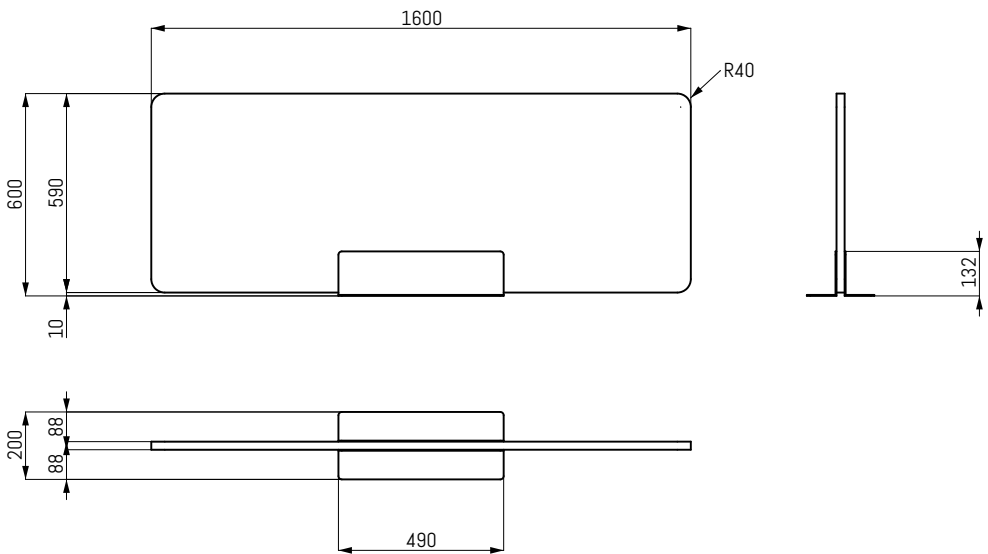
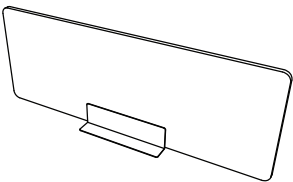
*Discontinued. Colour available from stock while supplies last or on request with a minimum order quantity.



DIMENSIONS & PARTS



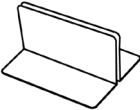
ECHO**COVE**® STAND 160 S
1229
1600x600x200mm



PARTS

1x EchoBoard® 24mm
1600x590x24mm

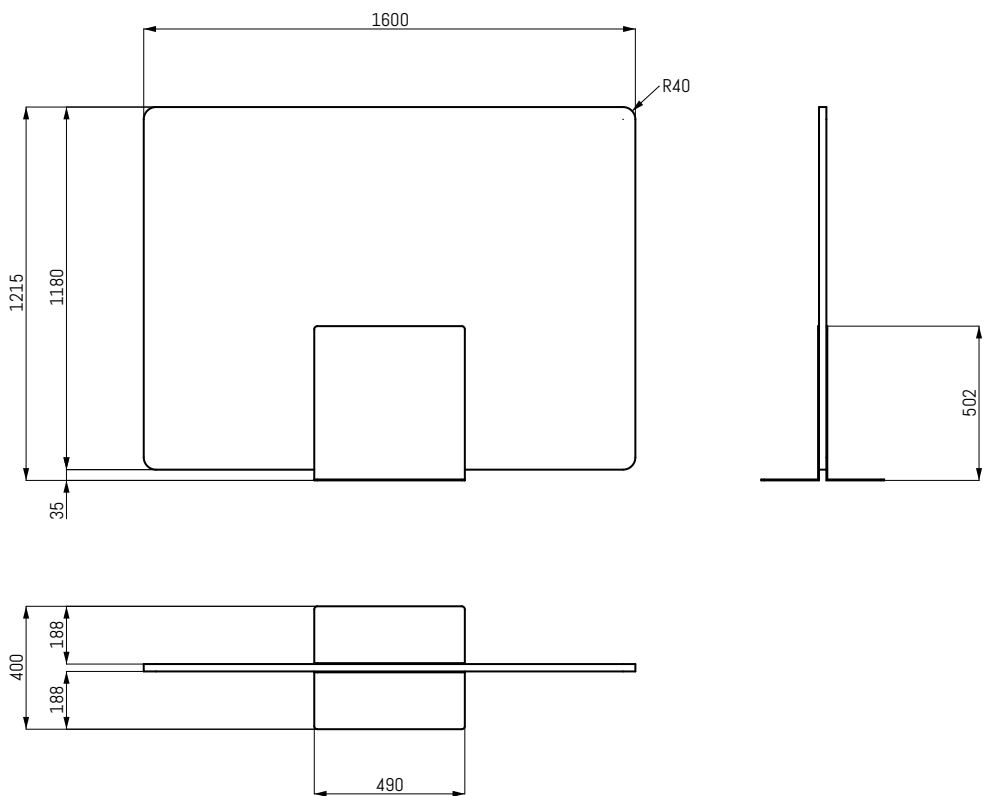
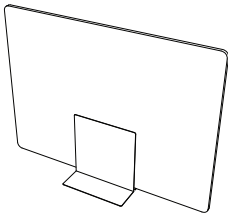
1x Centerbase FULL S
Powder-coated
black Ral 9005



DIMENSIONS & PARTS



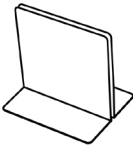
ECHO**COVE**® STAND 160 M
1230
1600x1215x400mm



PARTS

1x EchoBoard® 24mm
1600x1180x24mm

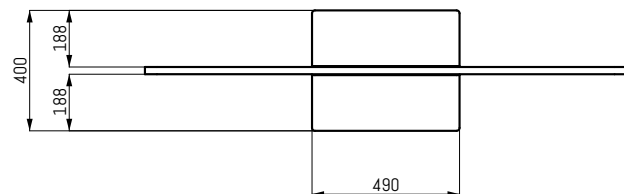
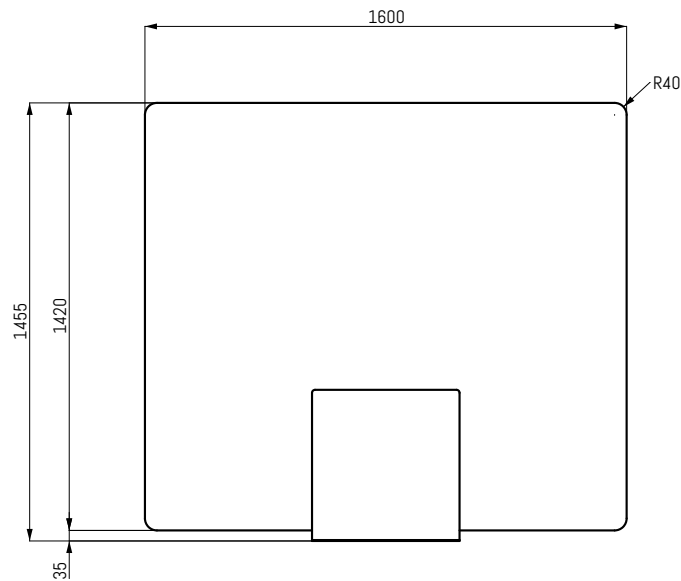
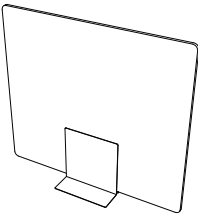
1x Centerbase FULL M
Powder-coated
black Ral 9005



DIMENSIONS & PARTS



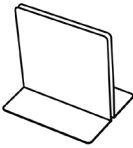
ECHO**COVE**® **STAND 160 L**
1231
1600x1455x400mm



PARTS

1x EchoBoard® 24mm
1600x1420x24mm

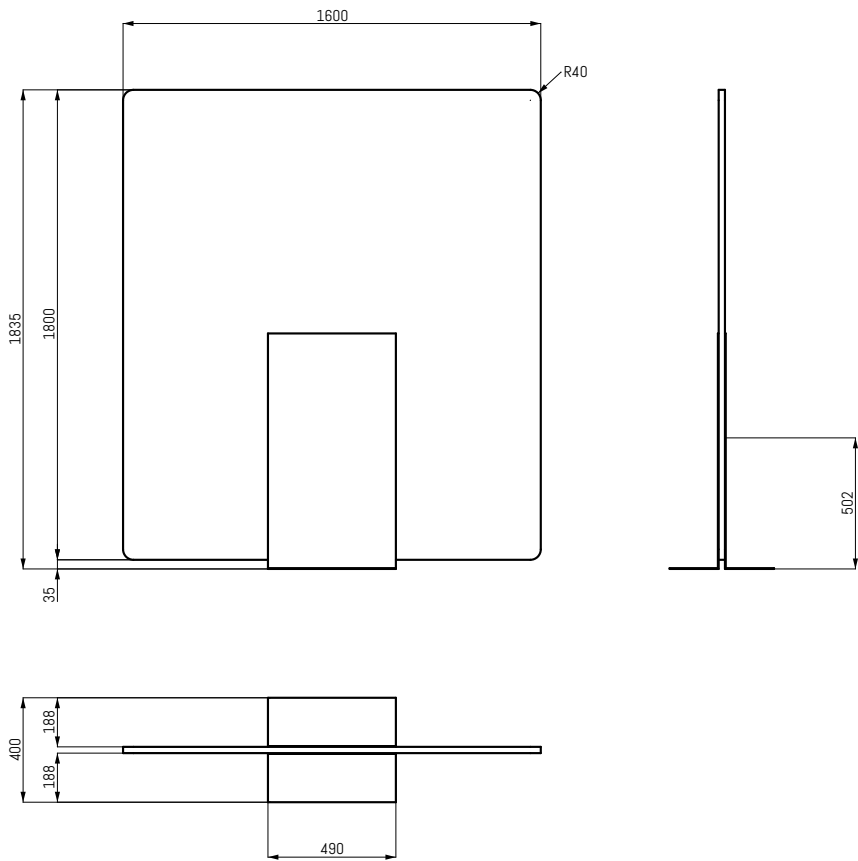
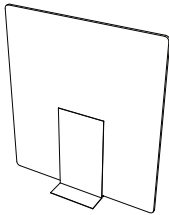
1x Centerbase FULL M
Powder-coated
black Ral 9005



DIMENSIONS & PARTS



ECHOCOVE® STAND 160 XL + CENTERBASE FULL L
1232-2
1600x1835x400mm



PARTS

1x EchoBoard® 24mm
1600x1800x24mm

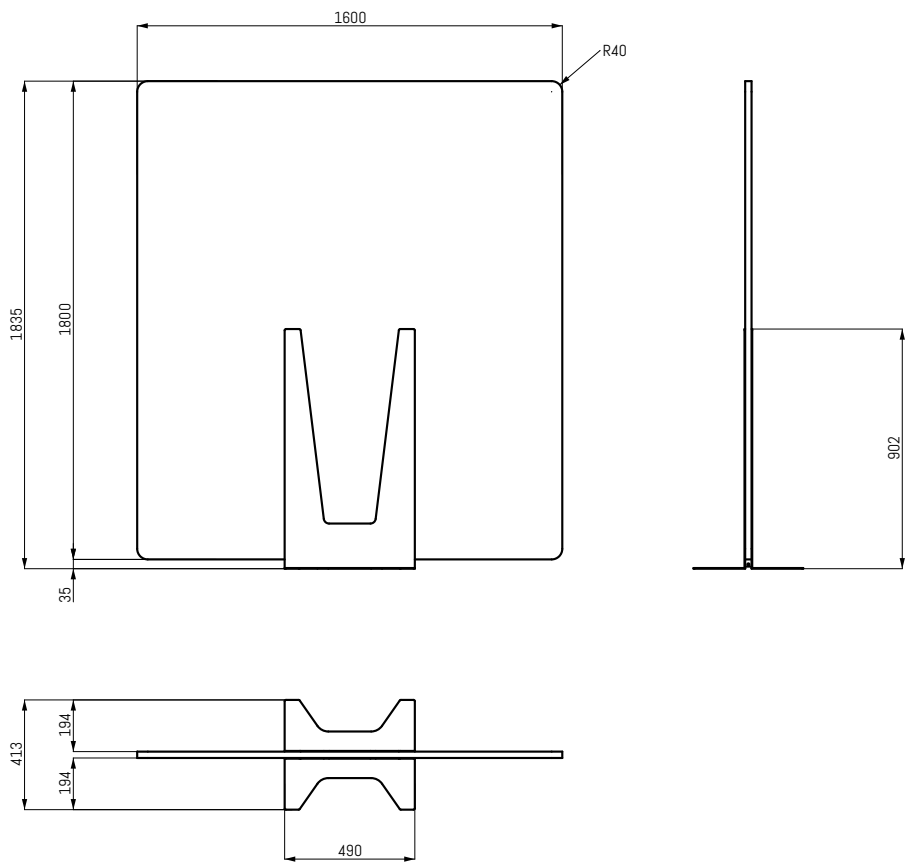
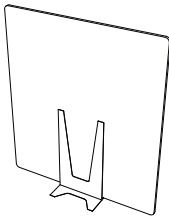
1x Centerbase FULL L
Powder-coated
black Ral 9005



DIMENSIONS & PARTS



ECHOCOVE® STAND 160 XL + CENTERBASE SLIM L
 1232-3
 1600x1835x413mm



PARTS

1x EchoBoard® 24mm
 1600x1800x24mm

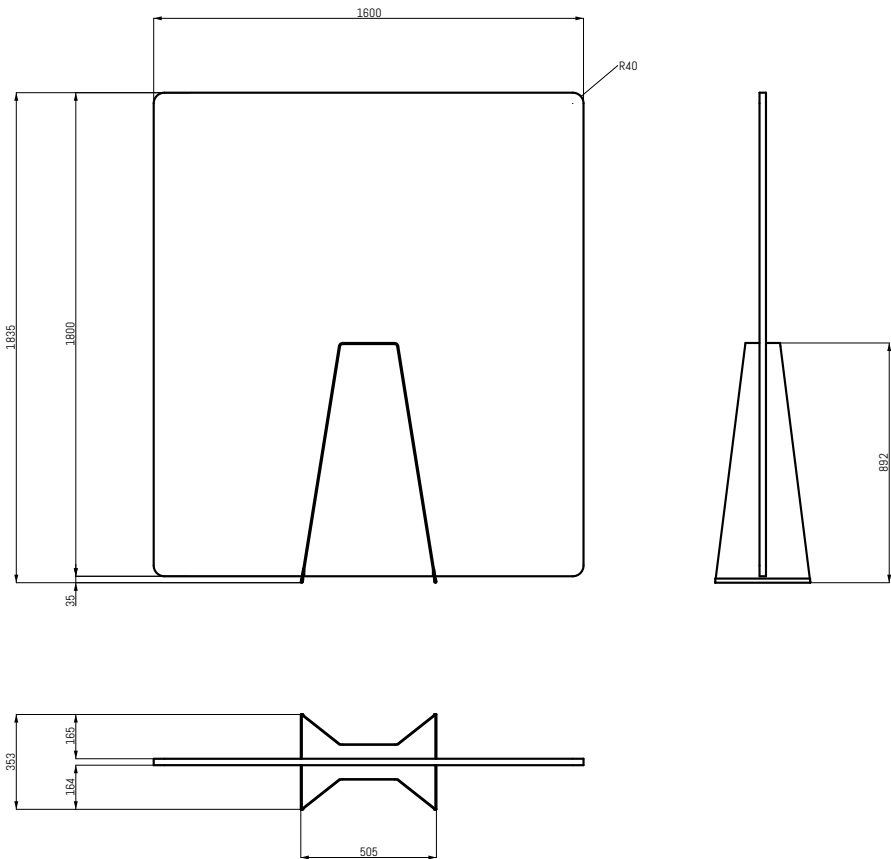
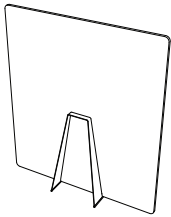
1x Centerbase SLIM L
 Powder-coated
 black Ral 9005



DIMENSIONS & PARTS



ECHO**COVE**® **STAND 160 XL + CENTERBASE ARCH L**
1232-4
1600x1835x353mm



PARTS

1x EchoBoard® 24mm
1600x1800x24mm

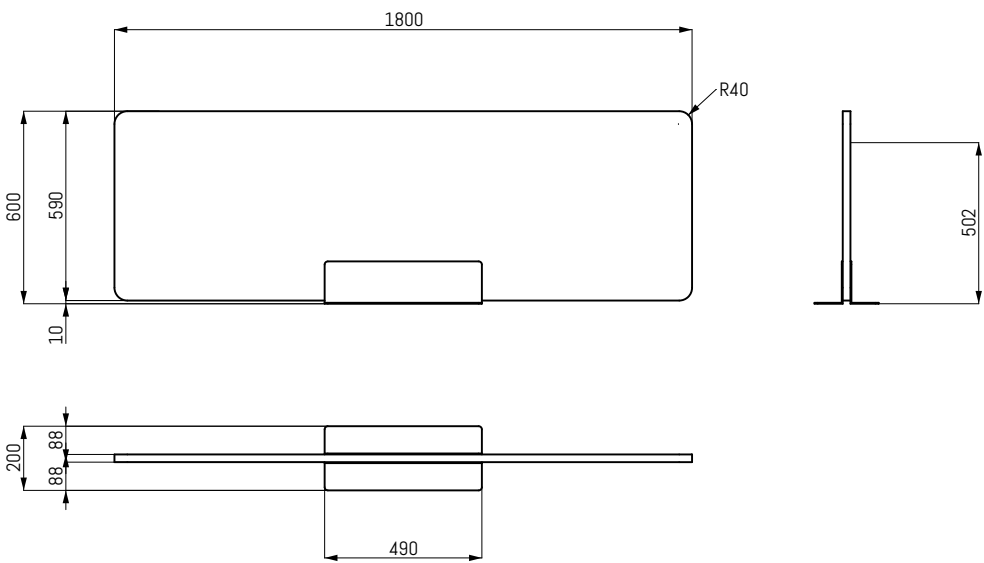
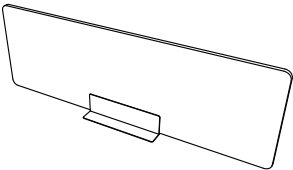
1x Centerbase ARCH L
Powder-coated
black Ral 9005



DIMENSIONS & PARTS



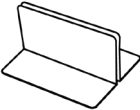
ECHO**COVE**® **STAND 180 S**
1233
1800x600x200mm



PARTS

1x EchoBoard® 24mm
1800x590x24mm

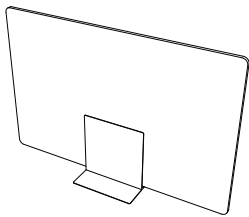
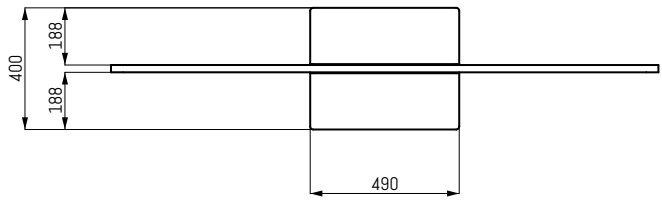
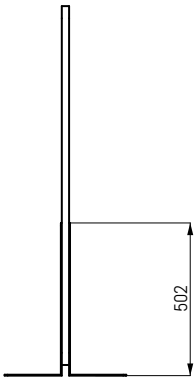
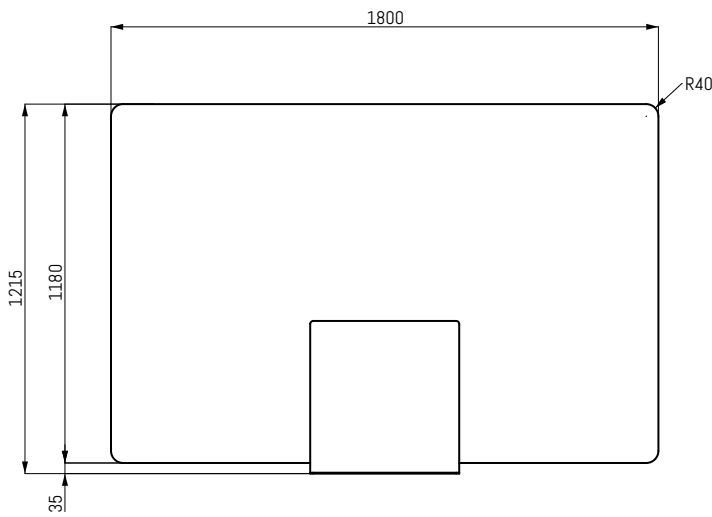
1x Centerbase FULL tS
Powder-coated
black Ral 9005



DIMENSIONS & PARTS



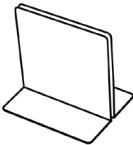
ECHO**COVE**® STAND 180 M
1234
1800x1215x400mm



PARTS

1x EchoBoard® 24mm
1800x1180x24mm

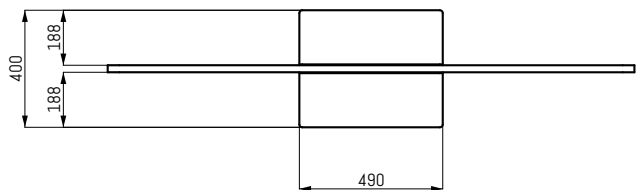
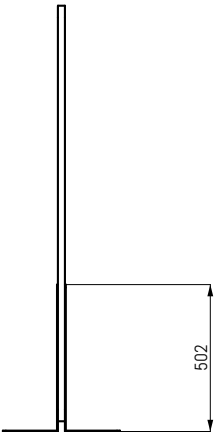
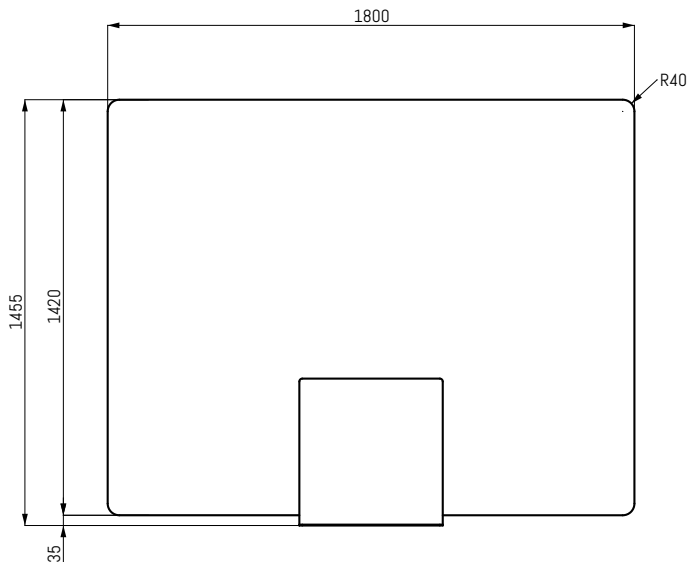
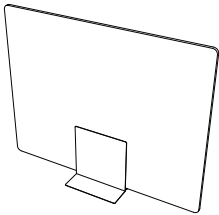
1x Centerbase FULL M
Powder-coated
black Ral 9005



DIMENSIONS & PARTS



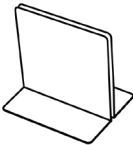
ECHO**COVE**® STAND 180 L
1235
1800x1455x400mm



PARTS

1x EchoBoard® 24mm
1800x1420x24mm

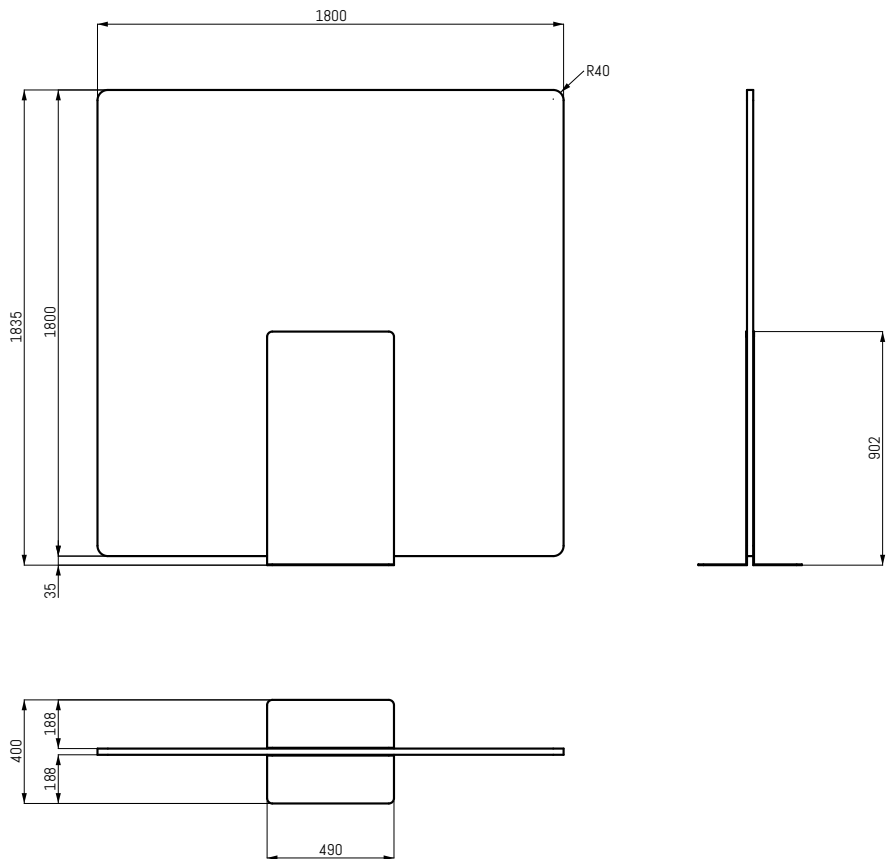
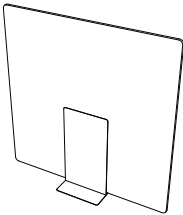
1x Centerbase FULL M
Powder-coated
black Ral 9005



DIMENSIONS & PARTS



ECHO**COVE**® **STAND 180 XL + CENTERBASE FULL L**
1236-2
1800x1835x400mm



PARTS

1x EchoBoard® 24mm
1800x1800x24mm

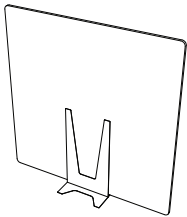
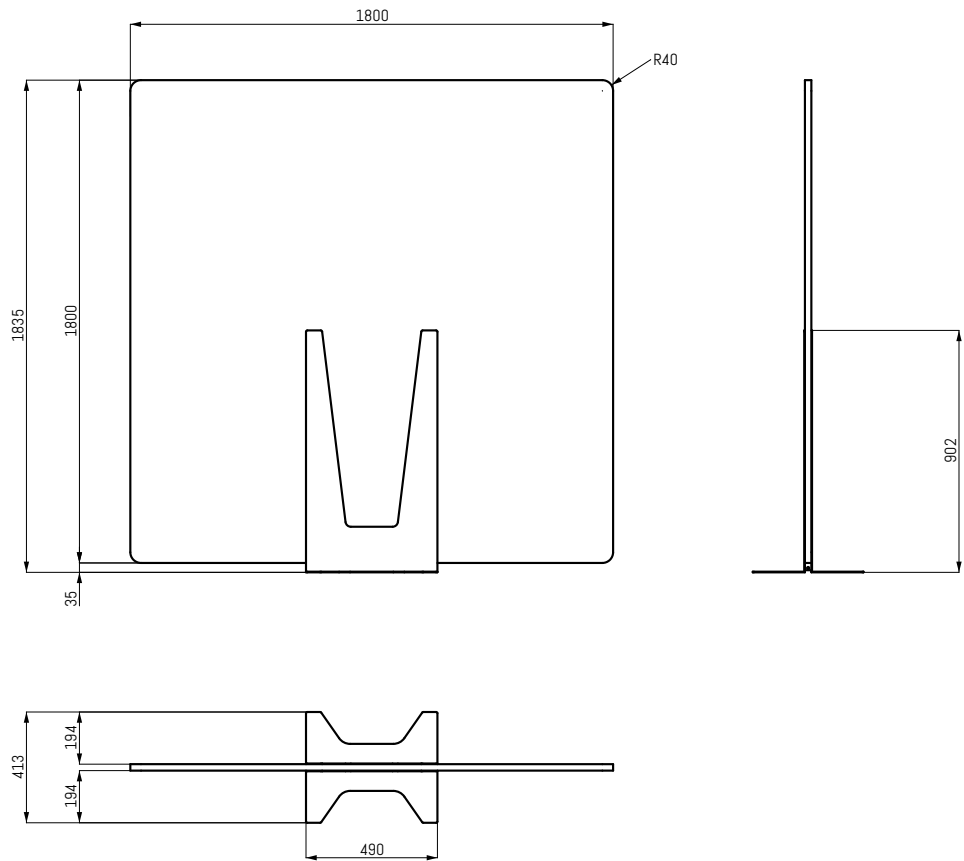
1x Centerbase FULL L
Powder-coated
black Ral 9005



DIMENSIONS & PARTS



ECHOCOVE® STAND 180 XL + CENTERBASE SLIM L
1236-3
1800x1835x413mm



PARTS

1x EchoBoard® 24mm
1800x1800x24mm

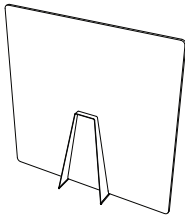
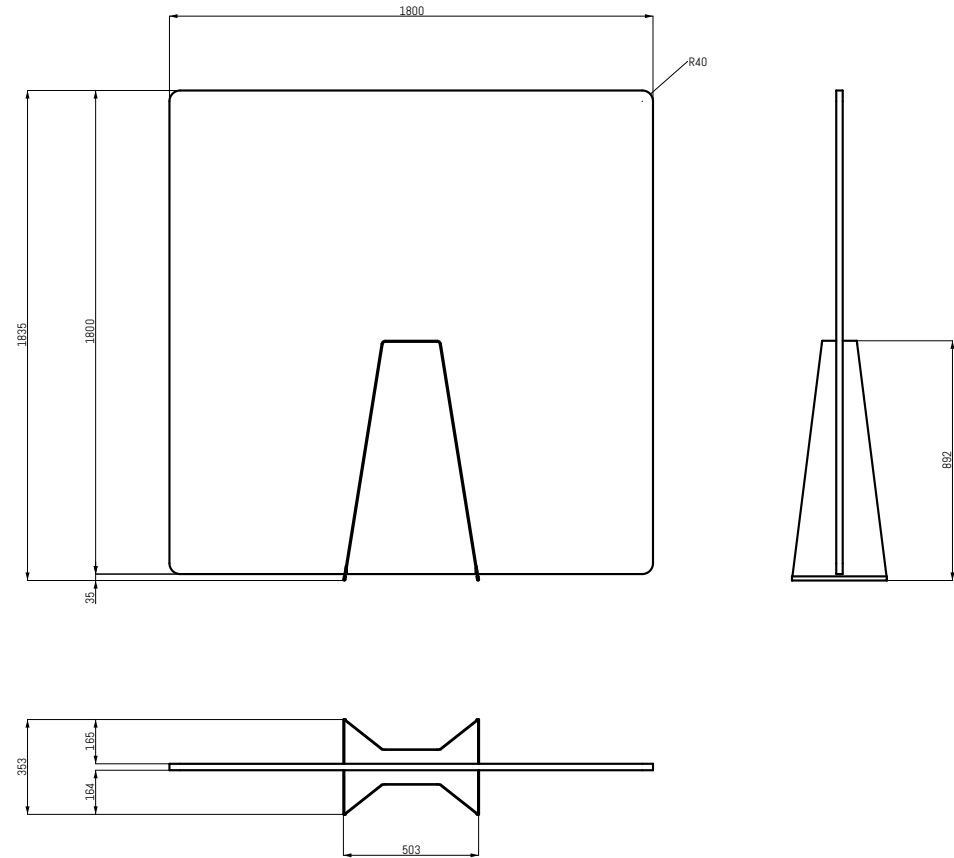
1x Centerbase SLIM L
Powder-coated
black Ral 9005



DIMENSIONS & PARTS



ECHO**COVE**® **STAND 180 XL + CENTERBASE ARCH L**
 1236-4
 1800x1835x353mm



PARTS

1x EchoBoard® 24mm
 1800x1800x24mm

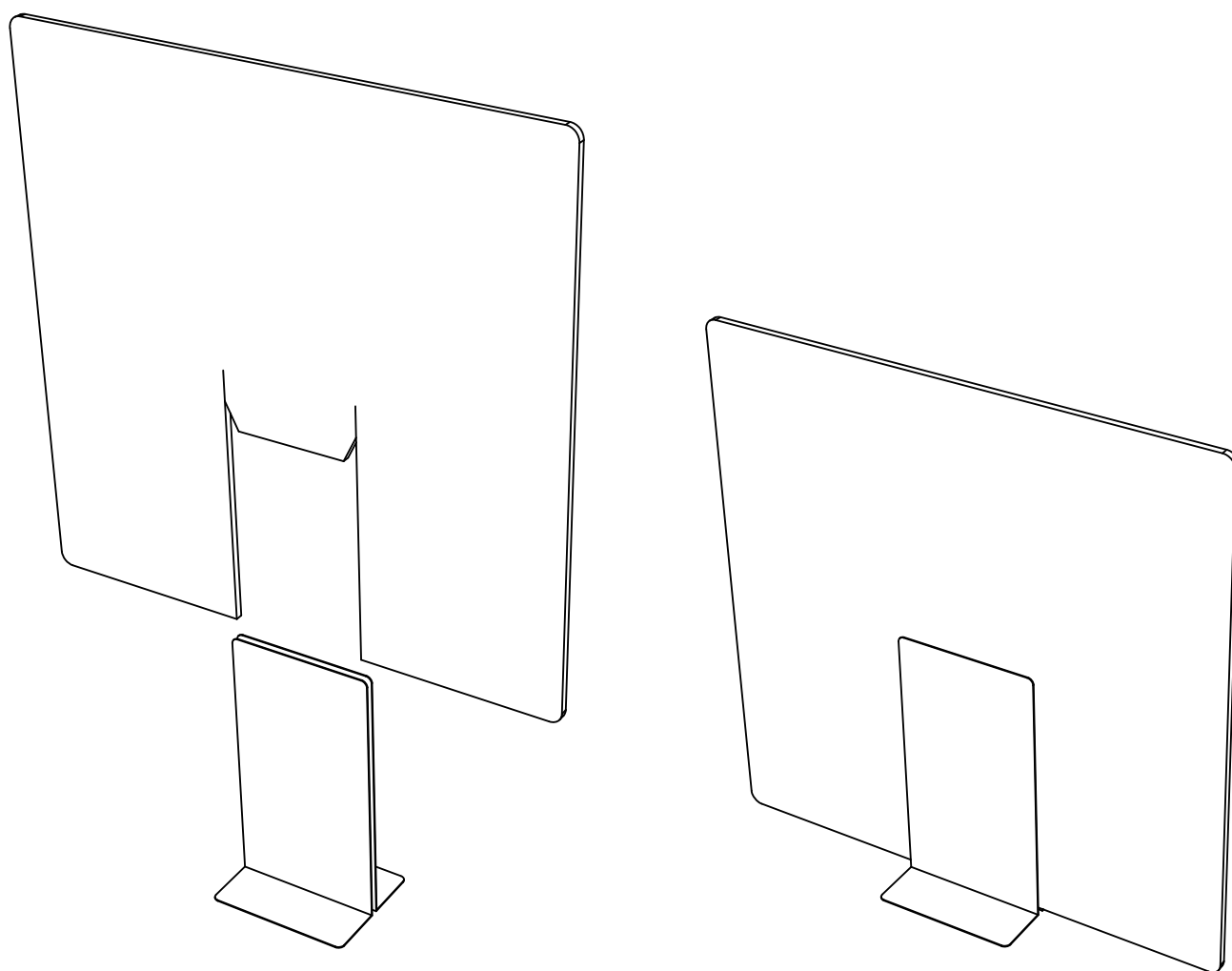
1x Centerbase ARCH L
 Powder-coated
 black Ral 9005



INSTALLATION



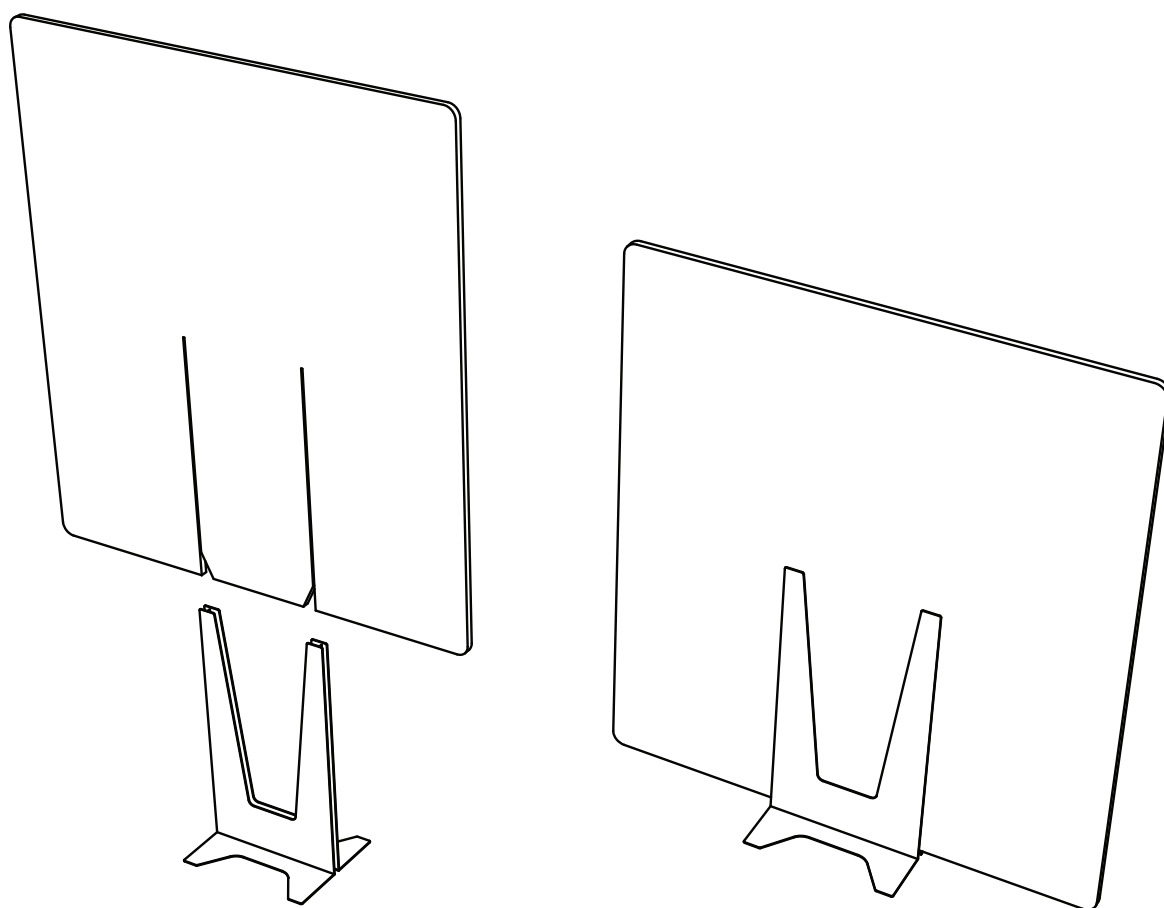
INSTALLATION OF ECHOCOVE® STAND BASE FULL



INSTALLATION



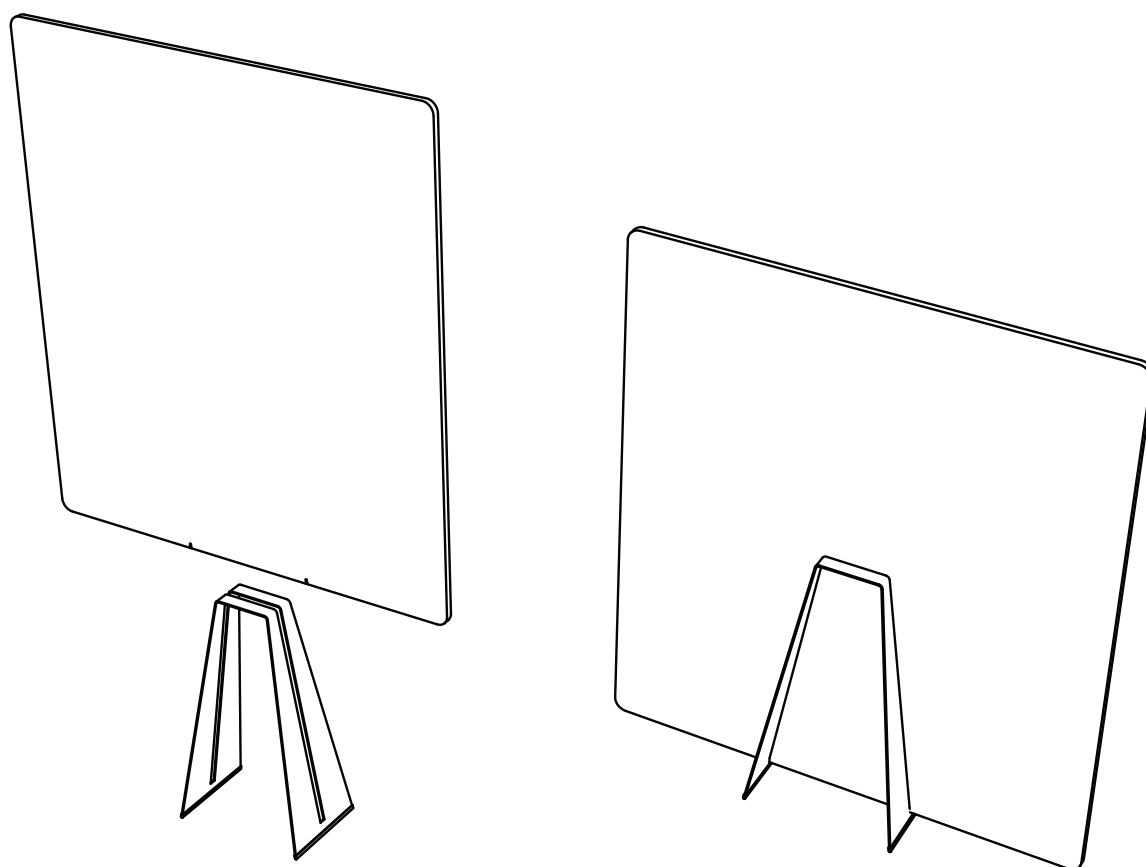
INSTALLATION OF ECHOCOVE® STAND BASE SLIM



INSTALLATION

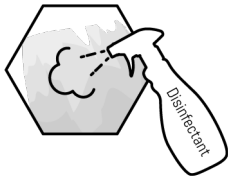


INSTALLATION OF ECHOCOVE® STAND BASE ARCH



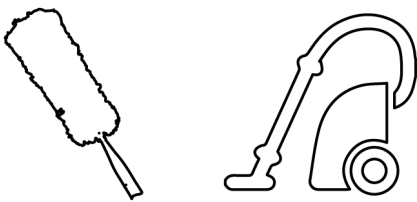
SURFACE DISINFECTION

Spray disinfectants can be used for rapid surface disinfection.



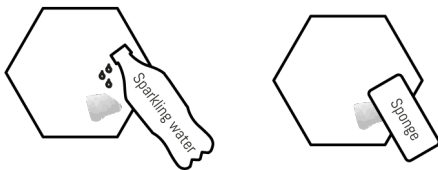
DUSTER/VACUUM CLEANER

For dusting use duster or vacuum cleaner.



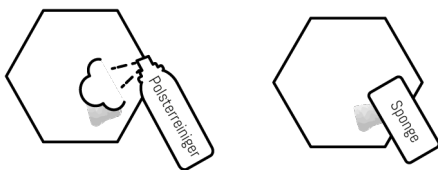
SPARKLING WATER

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



UPHOLSTERY CLEANER

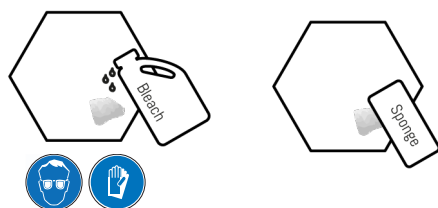
For medium contamination apply upholstery cleaner to polluted area. Wipe carefully with a sponge.



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.