

Asto

Standing Partition

743.24.10.000.00	743.24.12.000.00	743.24.14.000.00
743.24.10.000.10	743.24.12.000.10	743.24.14.000.10
743.24.10.000.11	743.24.12.000.11	743.24.14.000.11
743.24.10.000.12	743.24.12.000.12	743.24.14.000.12
743.24.10.000.13	743.24.12.000.13	743.24.14.000.13
743.24.11.000.00	743.24.13.000.00	743.24.15.000.00
743.24.11.000.10	743.24.13.000.10	743.24.15.000.10
743.24.11.000.11	743.24.13.000.11	743.24.15.000.11
743.24.11.000.12	743.24.13.000.12	743.24.15.000.12
743.24.11.000.13	743.24.13.000.13	743.24.15.000.13

Asto Standing Partition

General Information



Data

Applicable article numbers

743.24.10.000.00	743.24.11.000.10	743.24.12.000.11	743.24.13.000.12	743.24.14.000.13
743.24.10.000.10	743.24.11.000.11	743.24.12.000.12	743.24.13.000.13	743.24.15.000.00
743.24.10.000.11	743.24.11.000.12	743.24.12.000.13	743.24.14.000.00	743.24.15.000.10
743.24.10.000.12	743.24.11.000.13	743.24.13.000.00	743.24.14.000.10	743.24.15.000.11
743.24.10.000.13	743.24.12.000.00	743.24.13.000.10	743.24.14.000.11	743.24.15.000.12
743.24.11.000.00	743.24.12.000.10	743.24.13.000.11	743.24.14.000.12	743.24.15.000.13

Dimensions¹

Height	1215 mm	47.83"	(Including the centerbase)
Width	1600 mm	63"	
Panel thickness	24 mm	0.94"	

Material

PET Panel	100% PET (60% post-consumer) in 45 colours
Centerbase	Steel (powder coated black or white)



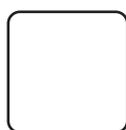
Extended document available

Weight²

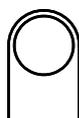
PET Panel	4kg/m2 (±10%)	0.82 lbs/ft2 (±10%)
Centerbase	10.60 kg	23.37 lbs

Included

Acoustic panel



Centerbase



Assembly guide



Warranty 10 years³



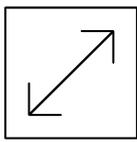
1 - all dimensions are nominal 2 - all weight values are nominal 3 - Impact Acoustic warranty terms apply

Asto Standing Partition

Specification Guide

Ensure you make the perfect choice by choosing our solutions for your next project. Explore our range of standard solutions or contact us directly for a more in-depth discussion of personalised customized options.

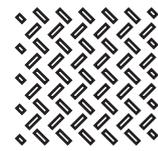
1 Specify your product:



Size



Color



Pattern

2 Article numbers:

Item	Material	Size option	Colour	Pattern
743	24mm	Choose size as shown on p. 5	Choose colour as shown on p. 13	Choose pattern as shown on p. 11

Example: 743.24.12.662.10

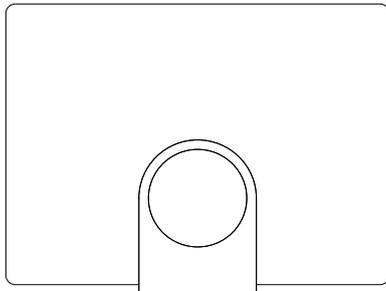
Standing Partition - Asto, 24mm, 1600x1800 662 - Poster Red - Web Pattern

Asto Standing Partition

Available sizes

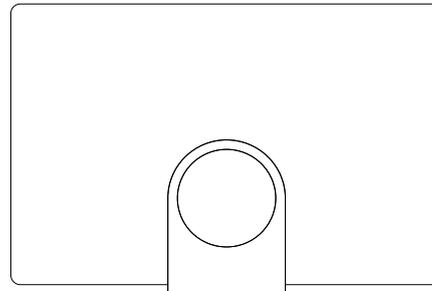
Please note that all sizes are available in four perforated and one plain version.

743.24.10.000.XX - Asto Standing Partition



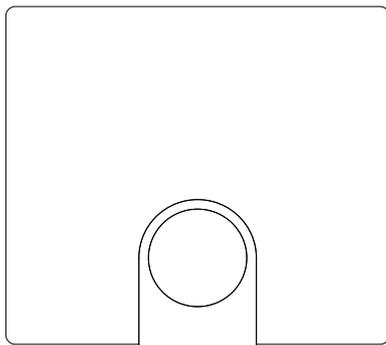
1600x1180
(63.00"x46.46")

743.24.13.000.XX - Asto Standing Partition



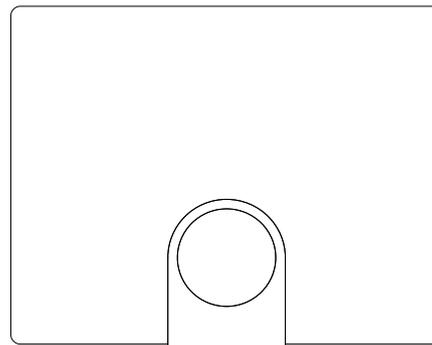
1800x1180
(70.87"x46.46")

743.24.11.000.XX - Asto Standing Partition



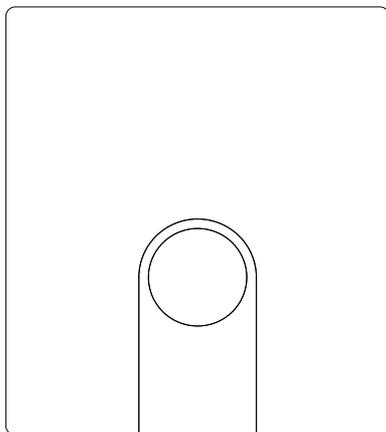
1600x1420
(63.00"x55.90")

743.24.14.000.XX - Asto Standing Partition



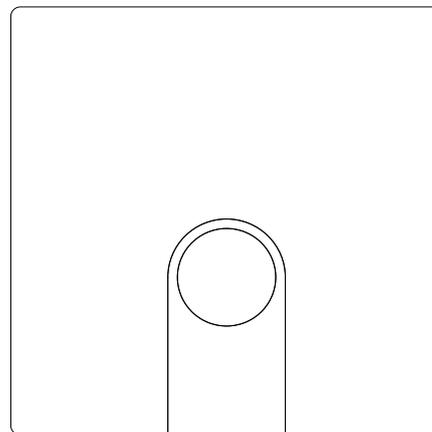
1800x1420
(70.87"x55.90")

743.24.12.000.XX - Asto Standing Partition



1600x1800
(63.00"x70.87")

743.24.15.000.XX - Asto Standing Partition



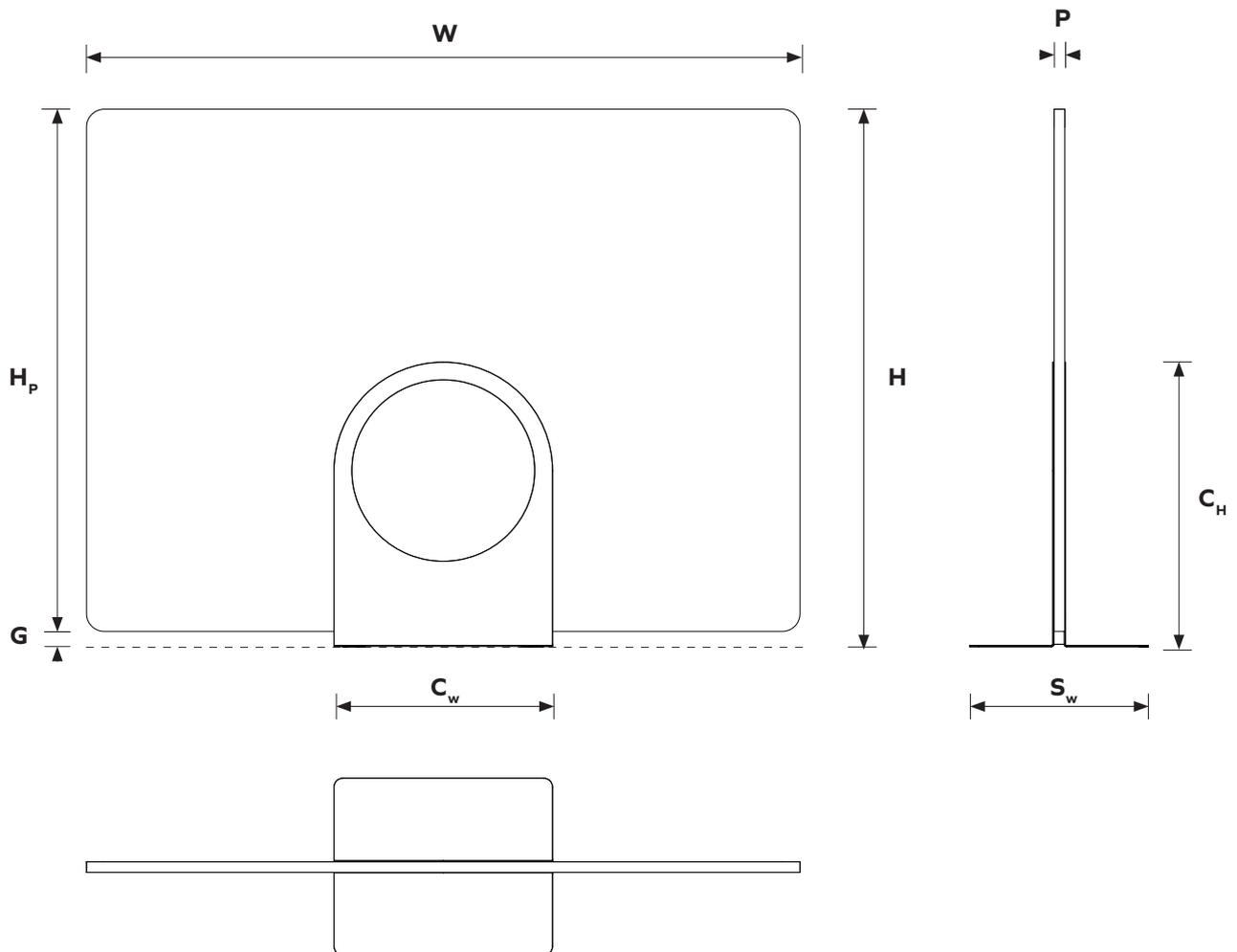
1800x1800
(70.87"x70.87")

Asto 1600 x 1180

Custom solutions available

Geometry Information

Asto Standing Partition Plain 743.24.10.000.00



Dimensions table¹

W	Total width	1600mm	63.00"
H	Total height	1215mm	47.83"
H_p	PET Panel height	1180mm	46.46"
C_w	Centerbase width	490mm	19.29"
C_h	Centerbase height	643mm	23.32"
G	Gap from the ground	35mm	1.38"
S_w	Stand width	400 mm	15.75"

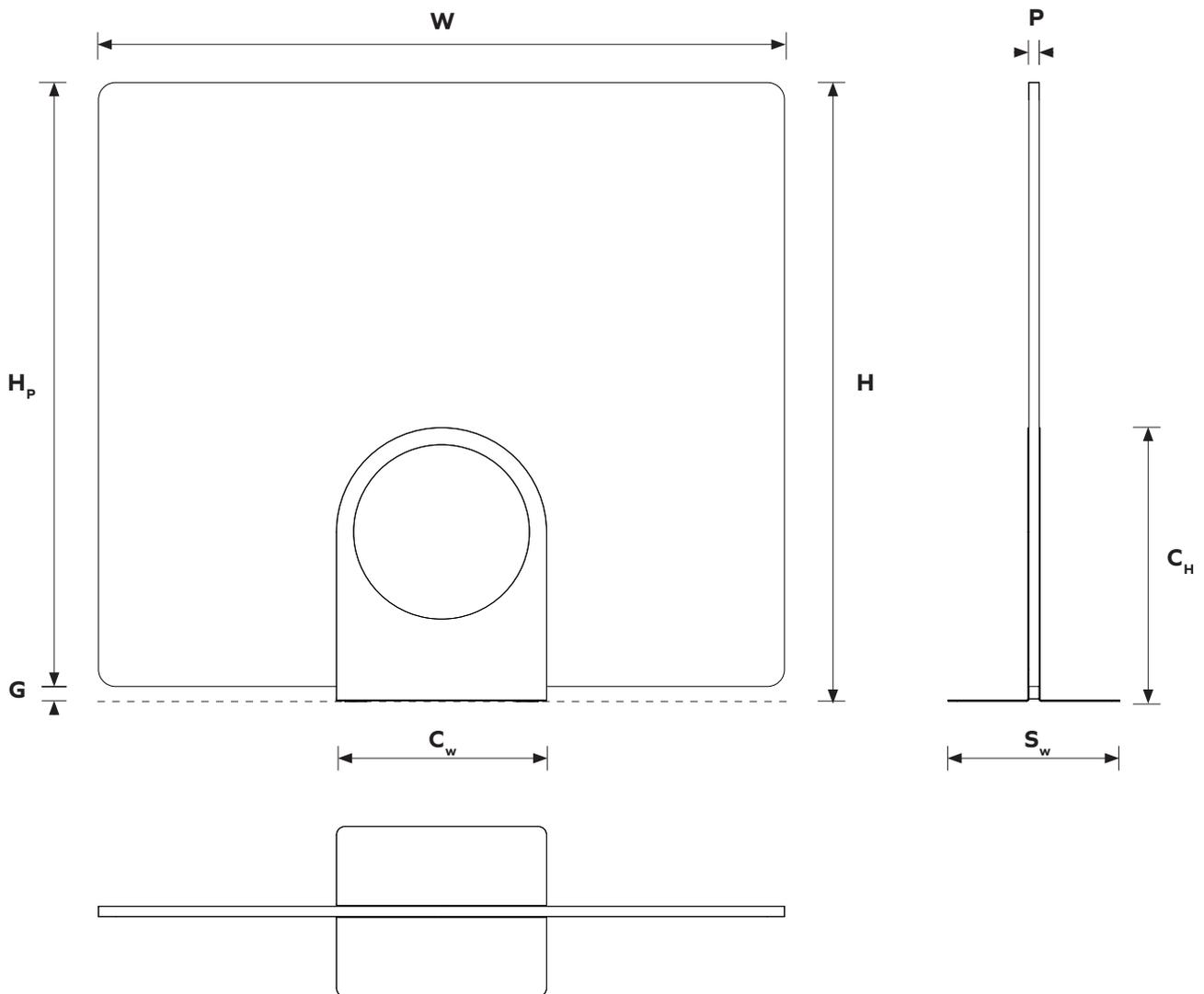
1 - all dimensions are nominal

Asto 1600 x 1420

Custom solutions available

Geometry Information

Asto Standing Partition Plain 743.24.11.000.00



Dimensions table¹

W	Total width	1600mm	63.00"
H	Total height	1455mm	57.28"
H_p	PET Panel height	1420mm	55.90"
C_w	Centerbase width	490mm	19.29"
C_h	Centerbase height	643mm	23.32"
G	Gap from the ground	35mm	1.38"
S_w	Stand Width	400mm	15.75"

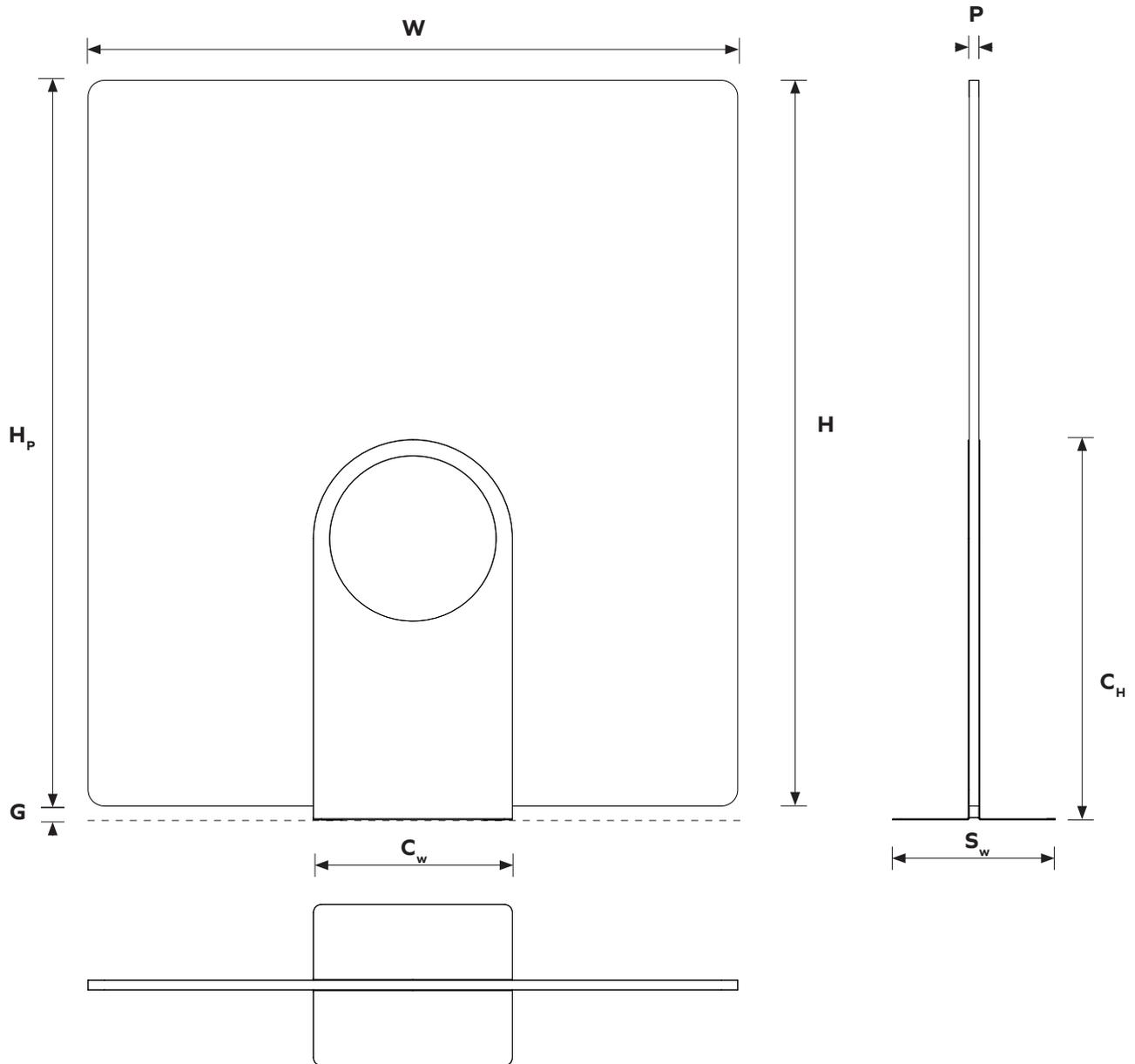
¹ - all dimensions are nominal

Asto 1600 x 1800

Custom solutions available

Geometry Information

Asto Standing Partition Plain 743.24.12.000.00



Dimensions table¹

W	Total width	1600mm	63.00"
H	Total height	1835mm	72.24"
H_p	PET Panel height	1800mm	70.87"
C_w	Centerbase width	490mm	19.29"
C_H	Centerbase height	943mm	37.12"
G	Gap from the ground	35mm	1.38"
S_w	Stand Width	400mm	15.75"

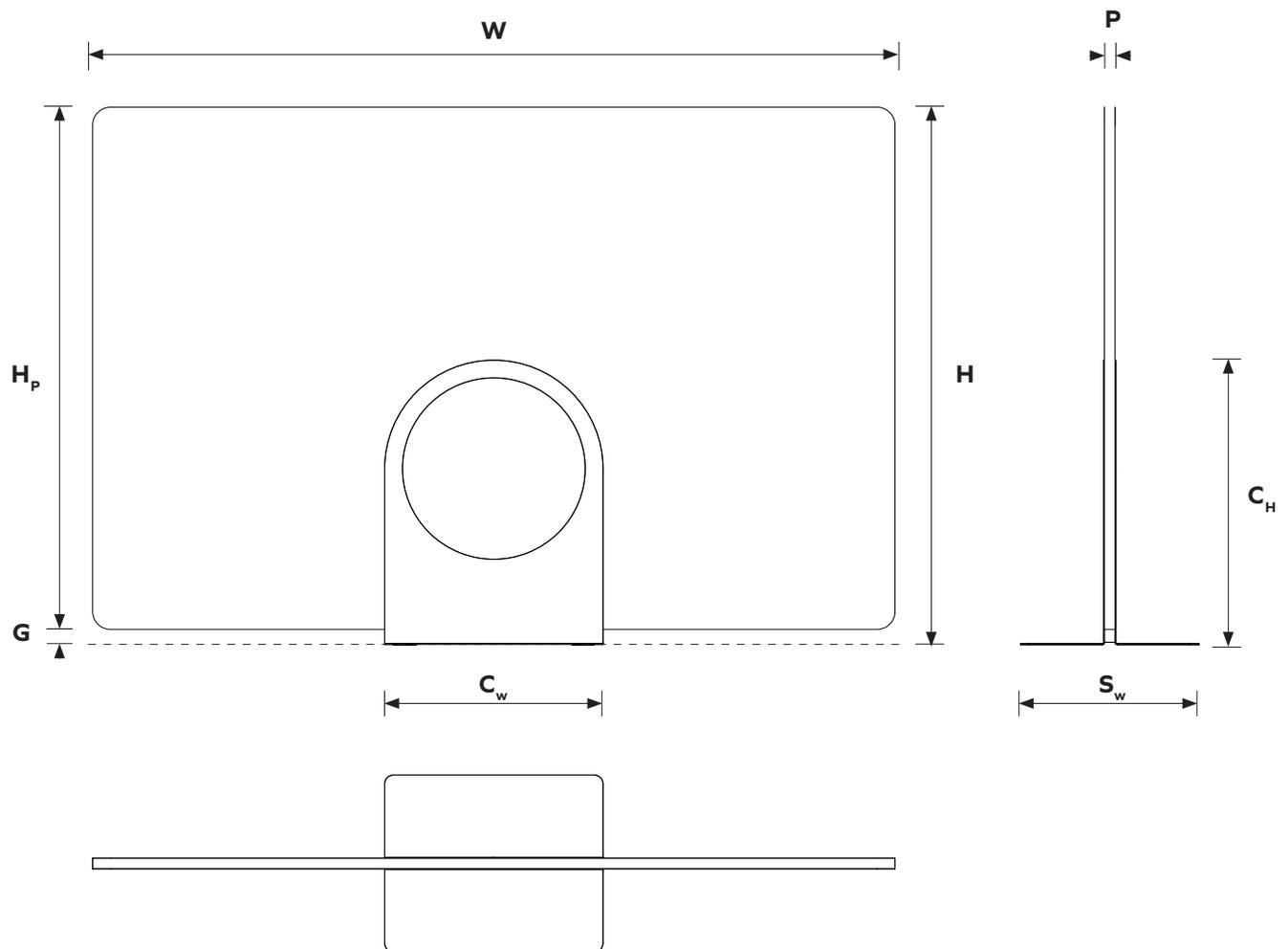
1 - all dimensions are nominal

Asto 1800 x 1180

Custom solutions available

Geometry Information

Asto Standing Partition Plain 743.24.13.000.00



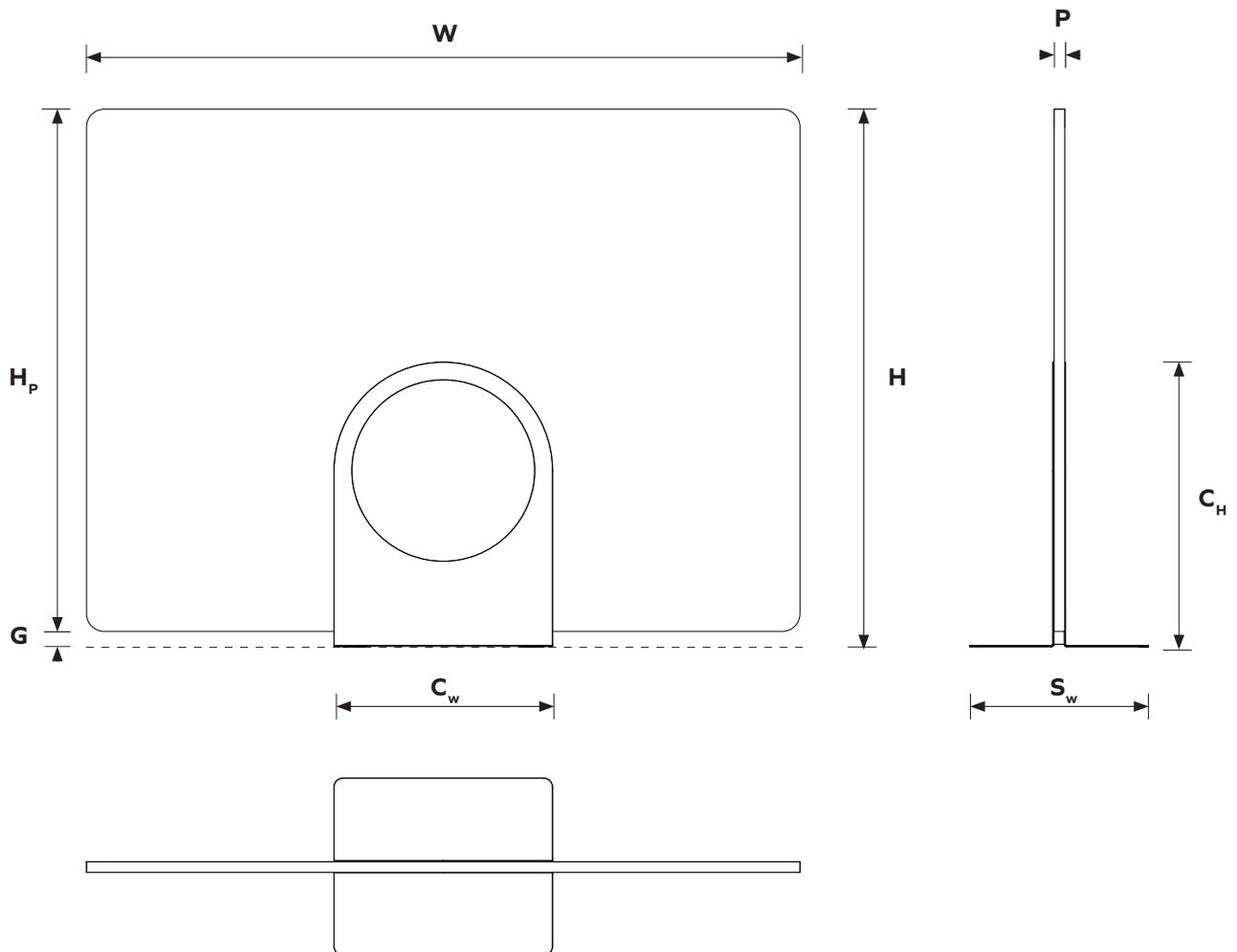
Dimensions table¹

W	Total width	1800mm	70.87"
H	Total height	1215mm	47.83"
H_p	PET Panel height	1180mm	46.46"
C_w	Centerbase width	490mm	19.29"
C_h	Centerbase height	643mm	23.32"
G	Gap from the ground	35mm	1.38"
S_w	Stand Width	400mm	15.75"

¹ - all dimensions are nominal

Geometry Information

Asto Standing Partition Plain 743.24.14.000.00



Dimensions table¹

W	Total width	1800mm	70.87"
H	Total height	1455mm	55.91"
H_p	PET Panel height	1420mm	57.28"
C_w	Centerbase width	490mm	19.29"
C_h	Centerbase height	643mm	23.32"
G	Gap from the ground	35mm	1.38"
S_w	Stand Width	400mm	15.75"

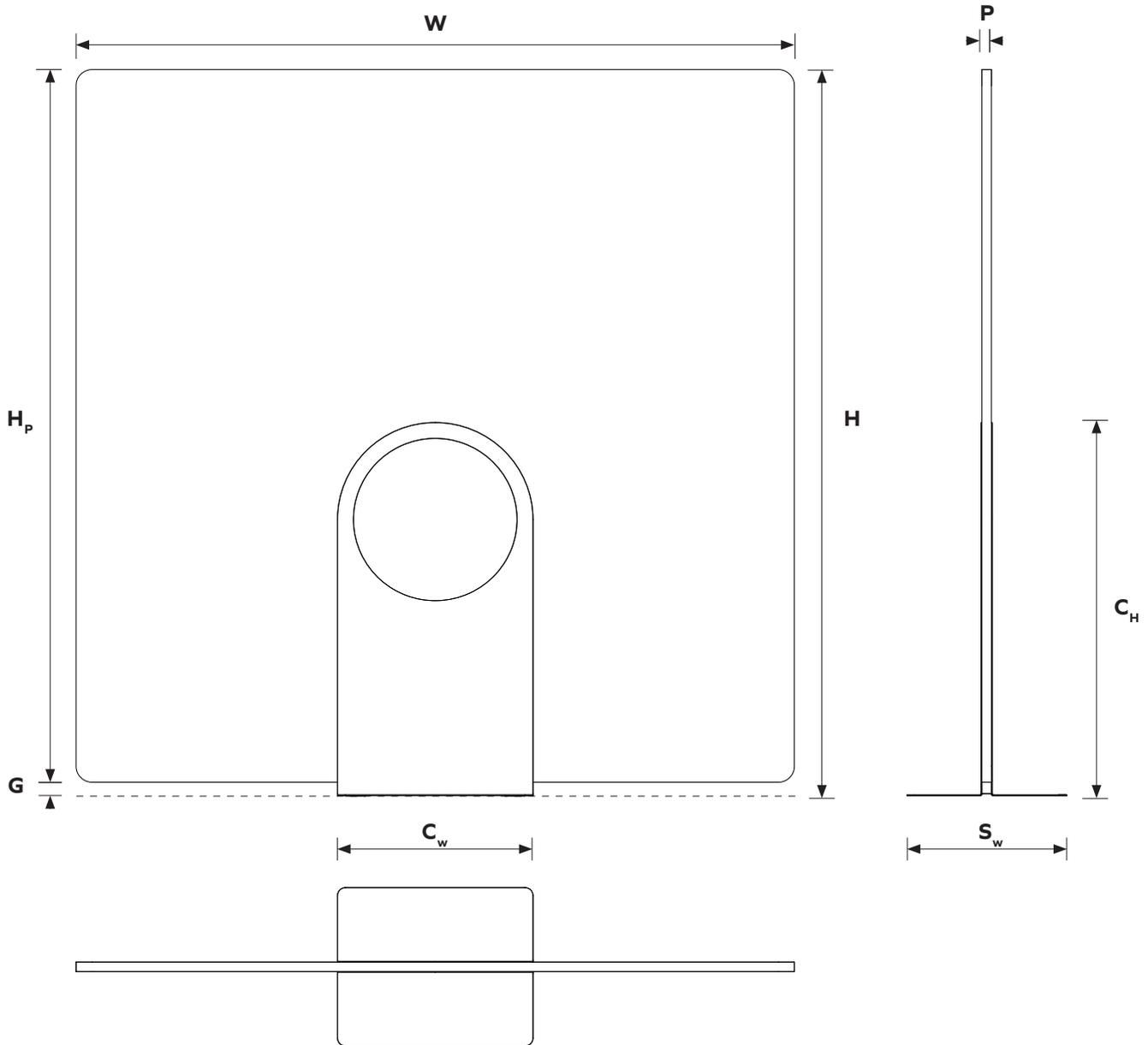
¹ - all dimensions are nominal

Asto 1800 x 1800

Custom solutions available

Geometry Information

Asto Standing Partition Plain 743.24.15.000.00



Dimensions table¹

W	Total width	1800mm	70.87"
H	Total height	1835mm	72.24"
H_p	PET Panel height	1800mm	70.87"
C_w	Centerbase width	490mm	19.29"
C_h	Centerbase height	943mm	37.12"
G	Gap from the ground	35mm	1.38"
S_w	Stand Width	400mm	15.75"

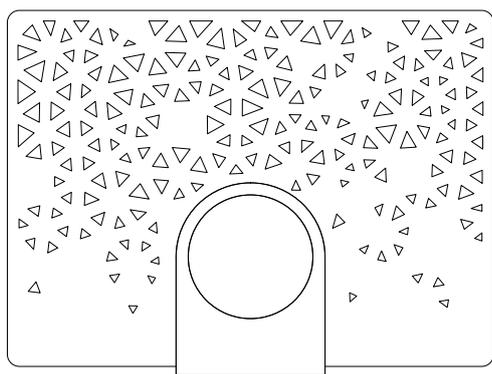
¹ - all dimintions are nominal

Asto Standing Partition

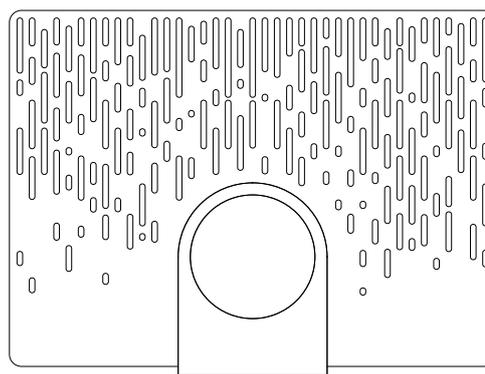
Custom solutions available

Available perforations

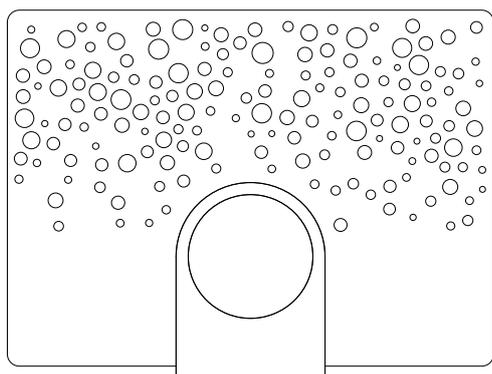
Please note that all patterns are available in six sizes.



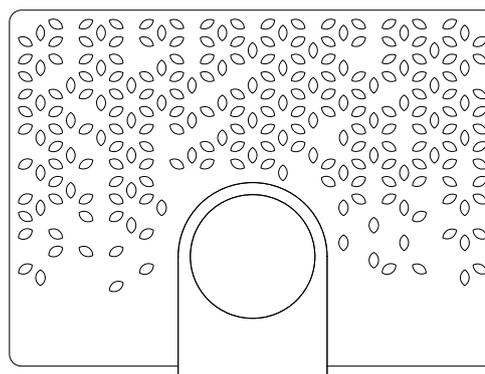
743.24.10.000.10 - Asto Standing Partition Web



743.24.10.000.11 - Asto Standing Partition Matrix



743.24.10.000.12 - Asto Standing Partition Bubbles



743.24.10.000.13 - Asto Standing Partition Crose

Asto Standing Partition

Assembly overview

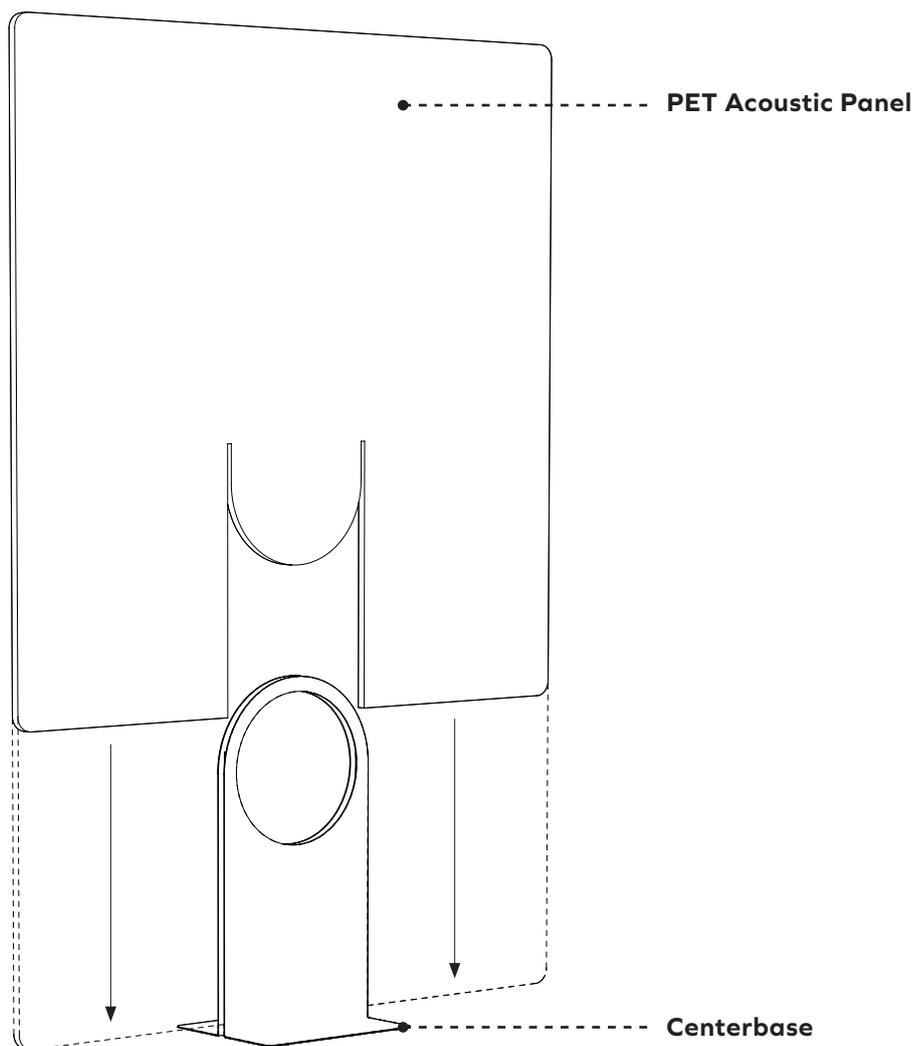
1 Centerbase

Place the centerbase on even horizontal surface.

2 PET Acoustic Panel

Slide the acoustic panel into the centerbase as much as possible.

(there should be a gap of around 35mm 1.4" between the ground and the bottom edge of the panel)



Colours

									
Name	Snow White	Cloud	Smoke	Slate	Charcoal	Raven	Ground	Gull	Milk
Code	500	103	442	444	542	550	108	144	404
NCS	S 0300-N	S 1002-B	S 3005-R80B	S 4500-N	S 7502-B	S 8500-N	S 5005-Y20R	S 2502-Y	S 0502-Y

									
Name	Linen	Dune	Jute	Fallow	Warm Stone	Truffle	Sunshine	Honeycomb	Electric Orange
Code	107	104	920	238	105	539	846	139	464
NCS	S 1505-Y30R	S 3005-Y20R	S 3010-Y30R	S 3020-Y40R	S 3010-Y50R	S 7020-Y70R	S 1040-Y10R	S 2050-Y20R	S 0580-Y70R

									
Name	Terracotta	Soft Coral	Cinnabar	Shell Pink	Garnet	Poster Red	Hot Pink	Grape	Marine Blue
Code	239	516	725	102	724	662	140	540	864
NCS	S 4040-Y70R	S 2020-Y90R	S 2020-Y60R	S 0510-R30B	S 5040-R10B	S 1080-R	S 2060-R20B	S 5040-R40B	S 4050-R70B

									
Name	Midnight	Royal Blue	Winter Sky	Deep Sea	Nocturne	True Navy	Ice Blue	Pacific Ocean	Lagoon
Code	810	865	410	918	866	194	304	432	917
NCS	S 7020-R70B	S 4550-B	S 2020-R90 B	S 5020-R90B	S 6030-R90B	S 8005-B	S 0510-B	S 3040-B	S 6030-B10G

									
Name	Succulent	Spearmint	Seafoam	Nordic Pine	Moss	Grove	Pistachio	Lichen	Fern
Code	712	706	710	311	439	317	315	160	180
NCS	S 3020-B30G	S 1010-B90G	S 3010-G30Y	S 5030-G10Y	S 2040-G40Y	S 7020-G30Y	S 4020-G30Y	S 4005-Y	S 6010-G90Y

These NCS codes are the closest visual match available and may not be exact to blended fibres.

Colours

Experience our ARCHISONIC® Felt material with a stunning selection of 45 colours across 9 distinct families, thoughtfully curated by *Colour Hive* in London. Effortlessly combine colours harmoniously to suit your preferences. Discover more in our Materials brochure and order your free sample box today.

Colour fastness

Class 6

ISO 105-B02:A1

Order a free sample box



ARCHISONIC® Felt

Material Specification

Product Name	ARCHISONIC® Felt	
Content	100% PET (60% certified post-consumer content)	
Thickness¹	12mm (0.47")	24mm (0.94")
Max. Size	1200x2800mm (47"x110")	1800x2400mm (70"x94")
Acoustic²	ASTM: NRC=0.6 ISO: αw=0.65	ASTM: NRC=0.9 ISO: αw=0.95
Density¹	2400 g/m ² (0.49 lbs/ sqft)	4000 g/m ² (0.82 lbs/sqft)
Colour Fastness	Class 6 ISO 105-B02:A1	
Colour	45 colours (see ARCHISONIC® Felt Colour page for more information)	
Maintenance	For daily cleaning we recommend alcohol solution (75%), e.g. Pantasept. In case of contamination by dust or fluff, use feather duster or a regular vacuum cleaner. For heavy dirt, treat the material with hydrogen peroxide.	
Production Lead time³	21 days	
Fire Rating	DIN EN 13501-1: B-s1, d0	ASTM E84 Class A
VOC Emission	28 Days French Regulation A+ ASTM E84 Pass Breeam® (International, UK, NL, SE, NOR) Exemplary CDPH (CDPH/EHLB/Standard Method V1.2) Pass	
Certifications	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climate-KIC, VOC emissions in LEED EQ credit (low-emitting products), SCS Recycled Content	
Durability	Contract	

1 - all values are nominal 2 - measured with 300mm air cavity 3 - depending on the location and type of product



Climate-KIC is supported by the EIT, a body of the European Union



Declare.



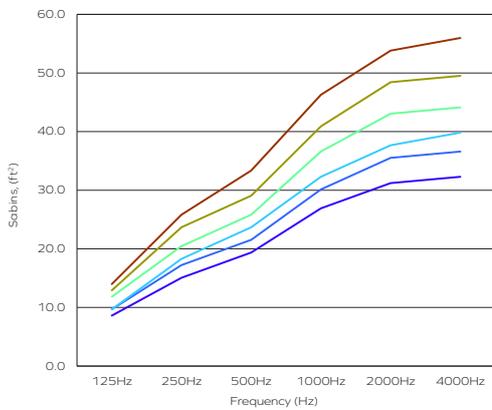
Asto Standing Division

Acoustic Performance



Testing Standards

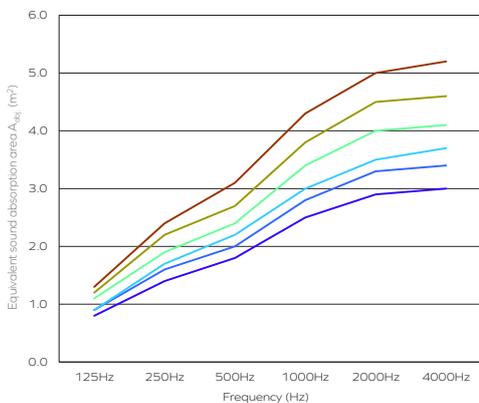
ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics — Sound absorbers for use in buildings — Rating of sound absorption
ISO 20189:2018	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound reduction of elements based on laboratory measurements
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests



Acoustic Performance - ASTM Sabins, ft²

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Asto 1600mm x 1180mm	8.61	15.07	19.38	26.91	31.22	32.29
24mm Asto 1800mm x 1180mm	9.69	17.22	21.53	30.14	35.52	36.60
24mm Asto 1600mm x 1420mm	9.69	18.30	23.68	32.29	37.67	39.83
24mm Asto 1800mm x 1420mm	11.84	20.45	25.83	36.60	43.06	44.13
24mm Asto 1600mm x 1800mm	12.92	23.68	29.06	40.90	48.44	49.51
24mm Asto 1800mm x 1800mm	13.99	25.83	33.37	46.28	53.82	55.97

The graph represents the Sabins (ft²) in the third octave band center frequencies. Please note this data refers only to the plain option. Acoustic performance of the perforated panels is available upon demand.



Acoustic Performance - ISO A_{obj}, m²

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Asto 1600mm x 1180mm	0.8	1.4	1.8	2.5	2.9	3.0
24mm Asto 1800mm x 1180mm	0.9	1.6	2.0	2.8	3.3	3.4
24mm Asto 1600mm x 1420mm	0.9	1.7	2.2	3.0	3.5	3.7
24mm Asto 1800mm x 1420mm	1.1	1.9	2.4	3.4	4.0	4.1
24mm Asto 1600mm x 1800mm	1.2	2.2	2.7	3.8	4.5	4.6
24mm Asto 1800mm x 1800mm	1.3	2.4	3.1	4.3	5.0	5.2

The graph represents the equivalent sound absorption per object (A_{obj}) in the third octave band center frequencies. Please note this data refers only to the plain option. Acoustic performance of the perforated panels is available upon demand.

- 24mm Asto 1600mm x 1180mm
- 24mm Asto 1800mm x 1180mm
- 24mm Asto 1600mm x 1420mm
- 24mm Asto 1800mm x 1420mm
- 24mm Asto 1600mm x 1800mm
- 24mm Asto 1800mm x 1800mm

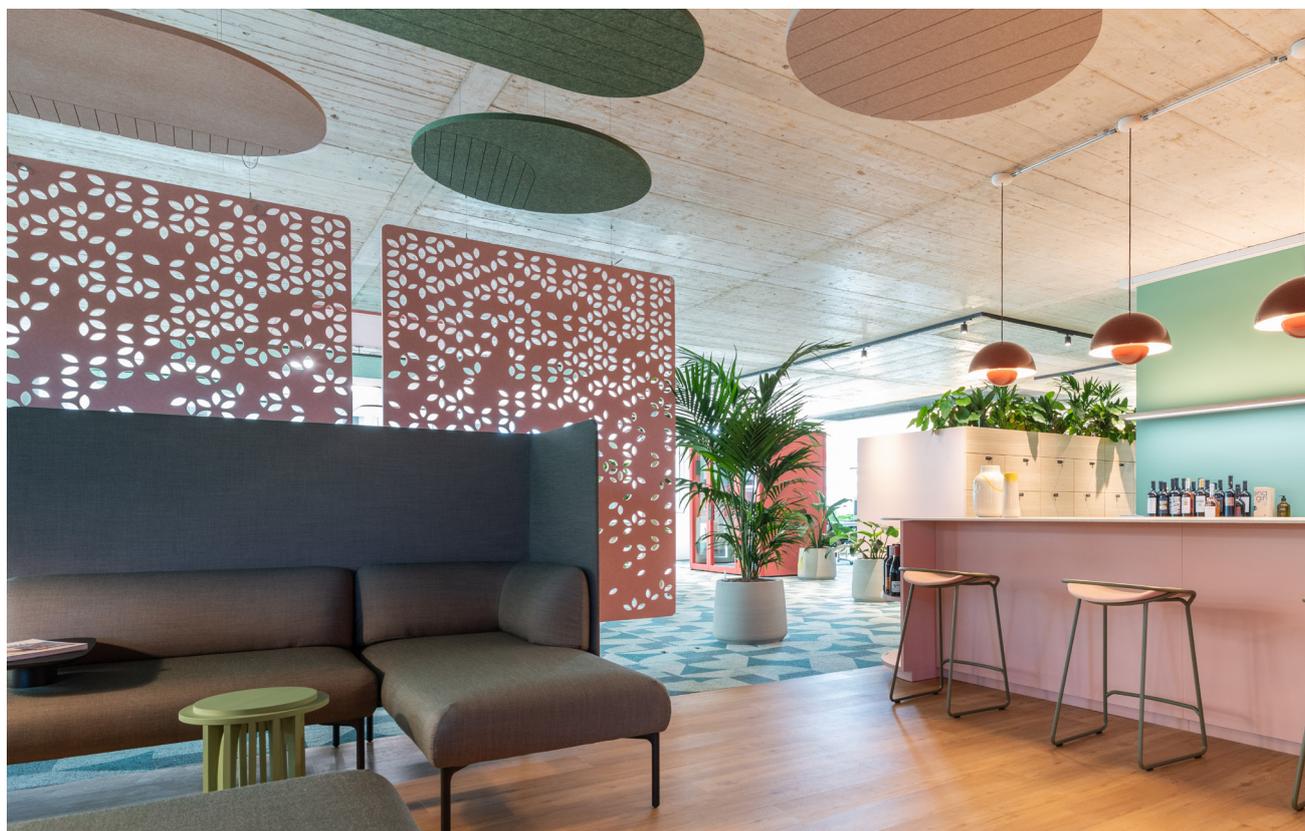
Acoustic Test Results

	α_w	SAA	NRC
24mm Wall Panel 1800x2400mm (Plain)	0.55 (H)	0.57	0.55
24mm Wall Panel 1800x2400mm (Perforated pattern)	0.45 (H)	0.47	0.45
12mm Wall Panel 1200x2800mm (Plain)	0.4 (H)	0.39	0.40
12mm Wall Panel 1200x2800mm (Perforated pattern)	0.35 (H)	0.32	0.35

Measurement used Pink Noise as excitation signal in a reverberant room.

Asto Standing Partition

Inspirations



Asto Standing Partition

Additional Information

Online Resources

A variety of resources are available online for all of our products. Please visit the product's page for more information.



CAD files



Spec sheets and
Installation Guide



Colour families



Instruction
videos



Associated
products specs

Ordering Process

Our experienced team of Project Consultants will guide and support you throughout the order process. We fulfill the majority of our orders in as little as 21 days¹ from your first point of contact, allowing you to focus on what truly matters to you.



Contact our
consultant

Quote¹

48 h



Order Confirmation

Production¹

2 - 3 weeks



Dispatch

Transit

location based



Delivery

Contact Us

Ready to make an impact? We are just an email or call away to discuss your project and answer any question.



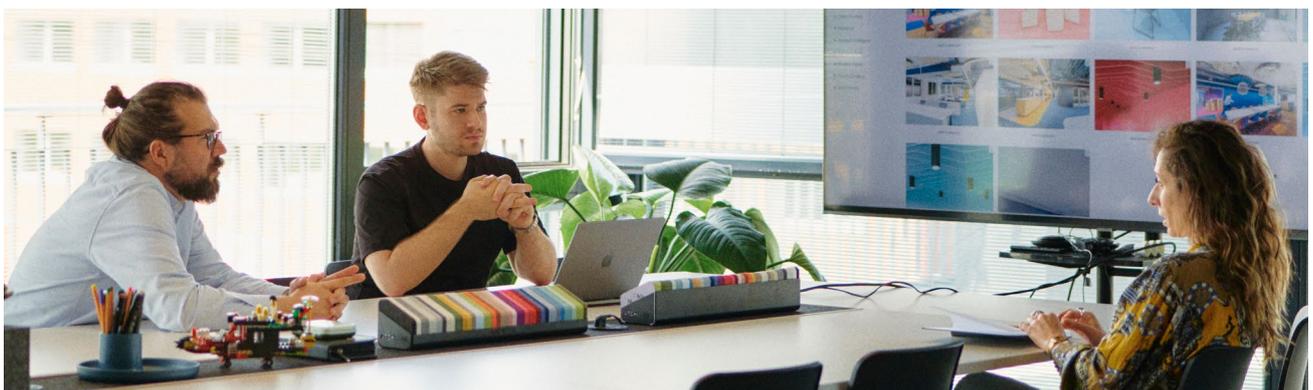
+41 41 244 14 00



connect@impactacoustic.com



Online form



¹ - Quote and Production times may vary.

**#We
Make An
Impact**

connect@impactacoustic.com | www.impactacoustic.com