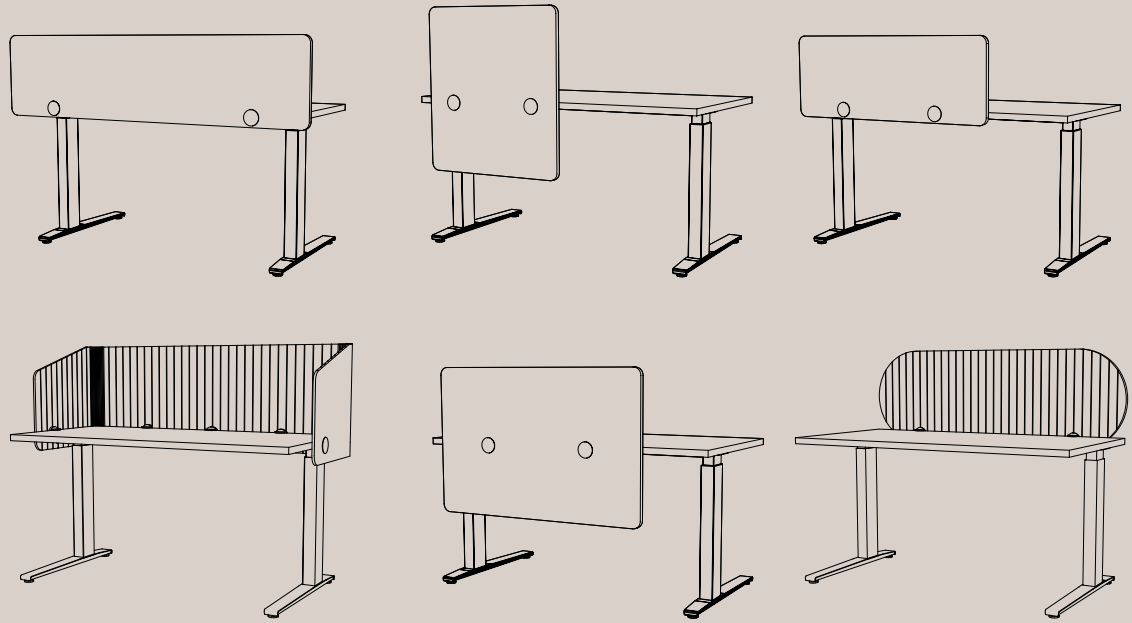
IMPACT ACOUSTIC®



Desk Division

Ready-made

742.24.10.000.00
742.24.11.000.00
742.24.12.000.00
742.24.13.000.00
742.24.20.000.00
742.24.21.000.00
742.24.22.000.00
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TECHNICAL DATA SHEET

Desk Division

General Information

Data

Applicable article numbers

742.24.10.000.00	745.24.12.000.13	745.24.23.000.10	745.24.33.000.12	745.24.43.000.00
742.24.11.000.00	745.24.13.000.00	745.24.23.000.11	745.24.33.000.13	745.24.43.000.10
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745.24.12.000.12	745.24.23.000.00	745.24.33.000.11	745.24.42.000.13	

Dimensions[1]

Width	1180 mm	46.46″
Height	450 mm	17.72″
Panel thickness	24 mm	0.94″

Material

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

Extended document available

Weight[2]

PET Panel	4kg/m2 (±10%)	0.82 lbs/ft2 (±10%)
Adapter	0.32 kg	0.705 lbs

Included

Acoustic panels

Adapter

Assembly guide

Warranty 10 years[3]

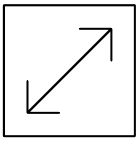
1 - all dimensions are nominal 2 - all weight values are nominal 3 - Impact Acoustic warranty terms apply

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Desk Division
Specification Guide

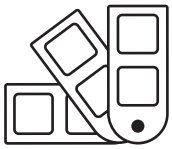
Ensure you make the perfect choice by choosing our solutions for your next project. Explore our range of standard solutions or contact us directly for a more in-depth discussion of personalised customized options.

1 Specify your product:



Size

page 6



Colour

page 7



Pattern

page 5

2 Article numbers:

Item	Material	Size option	Colour	Pattern
743	24mm	Choose size	Choose colour	Choose pattern

Example: 743.24.12.662.10

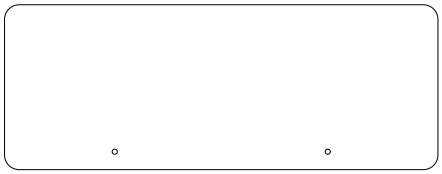
Standing Partition - Asto, 24mm, 1600x1800 662 - Poster Red - Web Pattern

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Supra
Available sizes

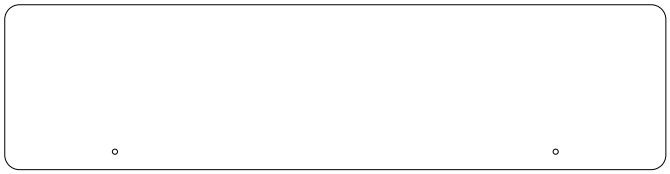
Custom solutions available

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



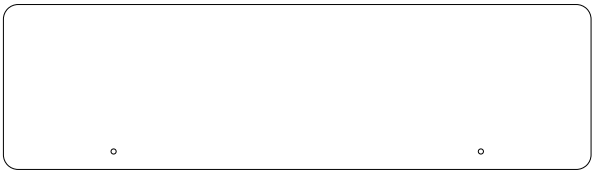
745.24.**10**.000.XX - Supra Desk Division

1180x450
(46.46"x17.72")



745.24.**13**.000.XX - Supra Desk Division

1800x450
(70.87"x17.72")



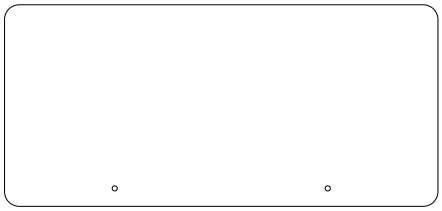
745.24.**12**.000.XX - Supra Desk Division

1600x450
(62.99"x17.72")



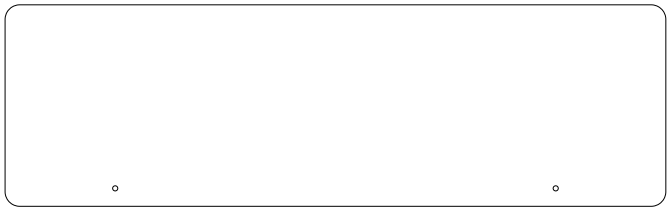
745.24.**11**.000.XX - Supra Desk Division

1400x450
(55.12"x17.72")



745.24.**20**.000.XX - Supra Desk Division

1180x550
(46.46"x21.65")



745.24.**23**.000.XX - Supra Desk Division

1800x550
(70.87"x21.65")



745.24.**22**.000.XX - Supra Desk Division

1600x550
(62.99"x21.65")



745.24.**21**.000.XX - Supra Desk Division

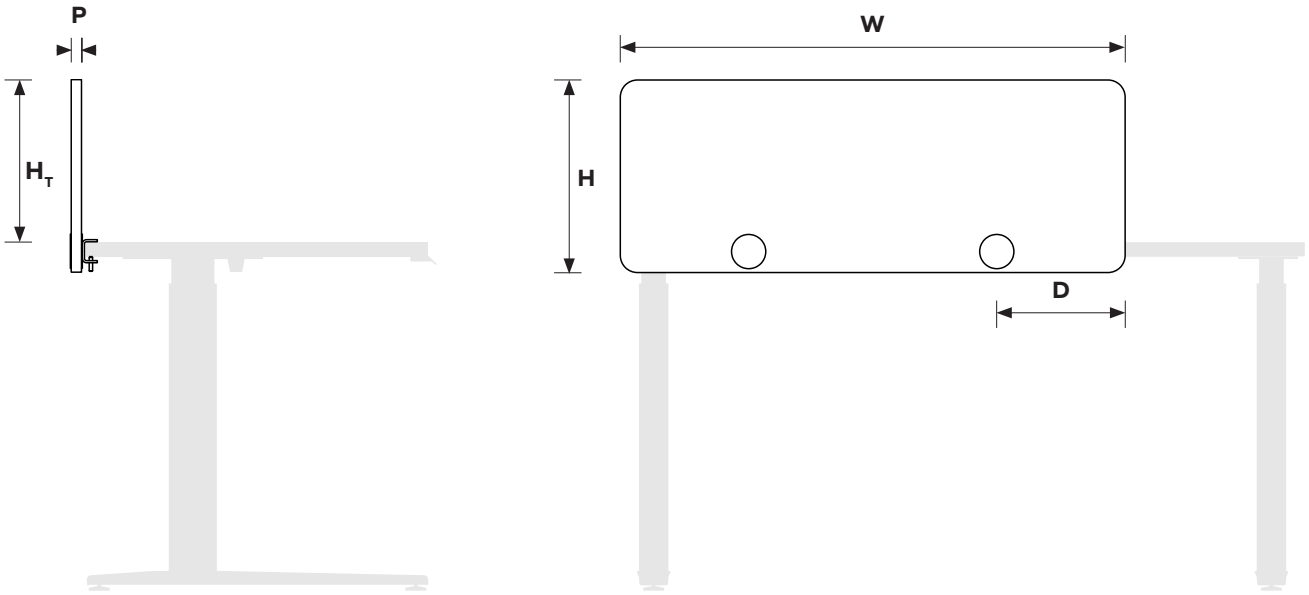
1400x550
(55.12"x21.65")

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Supra
Geometry Information

Custom solutions available

Supra Desk Division 745.24.10.000.00



Dimensions table[1]

W	Total width	1180 mm	70.87″
H	Total height	450 mm	17.72″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.81″

1 - all dimensions are nominal

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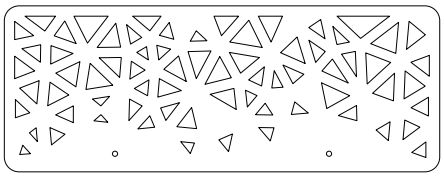
Supra

Custom solutions available

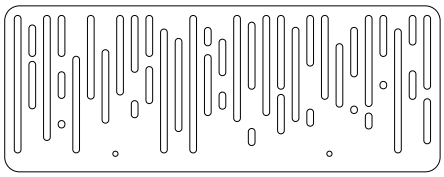
Available perforations

Please note that all patterns are available in eight sizes.

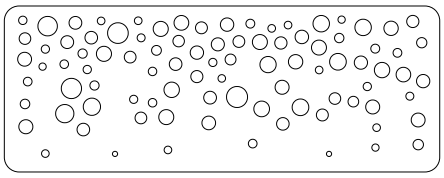
Supra Desk Division 745.24.10.000.00



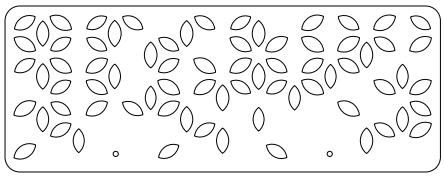
745.24.10.000.**10** - Supra Desk Division Web



745.24.10.000.**11** - Supra Desk Division Matrix



745.24.10.000.**12** - Supra Desk Division Bubbles



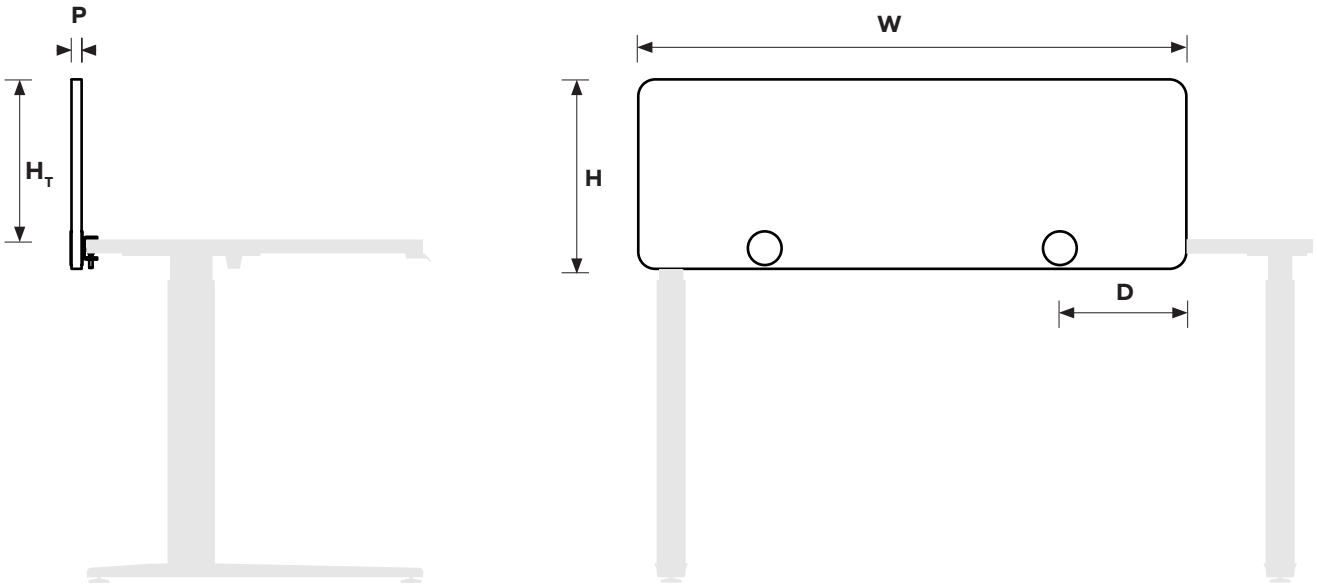
745.24.10.000.**13** - Supra Desk Division Crose

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Supra
Geometry Information

Custom solutions available

Supra Desk Division 745.24.11.000.00



Dimensions table[1]

W	Total width	1400 mm	55.12″
H	Total height	450 mm	17.72″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.81″

1 - all dimensions are nominal

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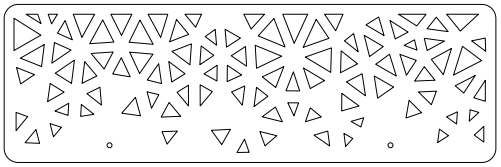
Desk Division

Custom solutions available

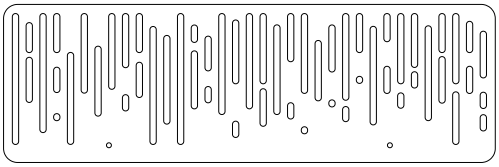
Available perforations

Please note that all patterns are available in eight sizes.

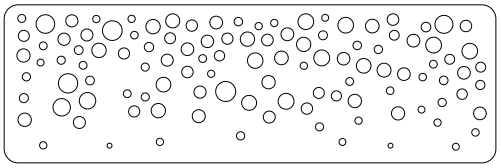
Supra Desk Division 745.24.11.000.00



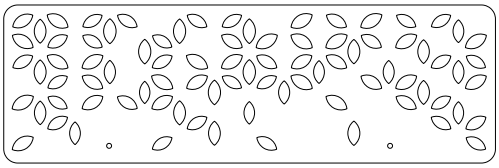
745.24.11.000.**10** - Supra Desk Division Web



745.24.11.000.**11** - Supra Desk Division Matrix



745.24.11.000.**12** - Supra Desk Division Bubbles



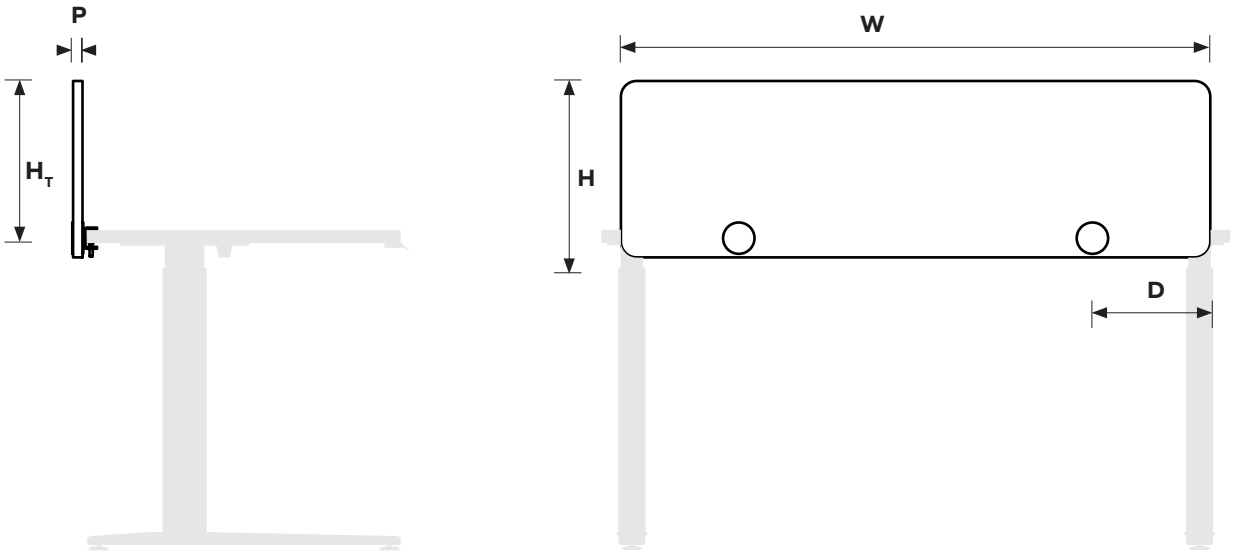
745.24.11.000.**13** - Supra Desk Division Crose

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Supra
Geometry Information

Custom solutions available

Supra Desk Division 745.24.12.000.00



Dimensions table[1]

W	Total width	1600 mm	63.00″
H	Total height	450 mm	17.72″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.81″

1 - all dimensions are nominal

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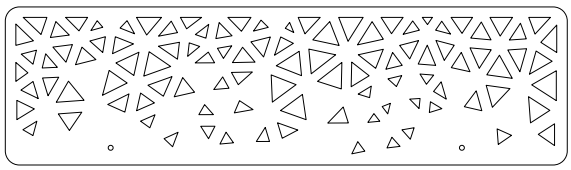
Supra

Custom solutions available

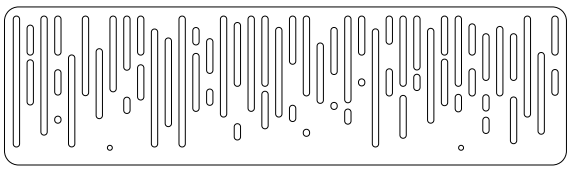
Available perforations

Please note that all patterns are available in eight sizes.

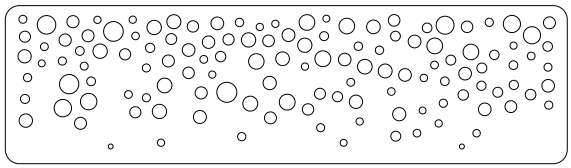
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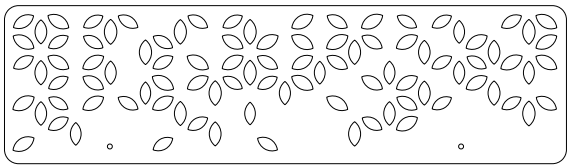
745.24.12.000.**10** - Supra Desk Division Web



745.24.12.000.**11** - Supra Desk Division Matrix



745.24.12.000.**12** - Supra Desk Division Bubbles



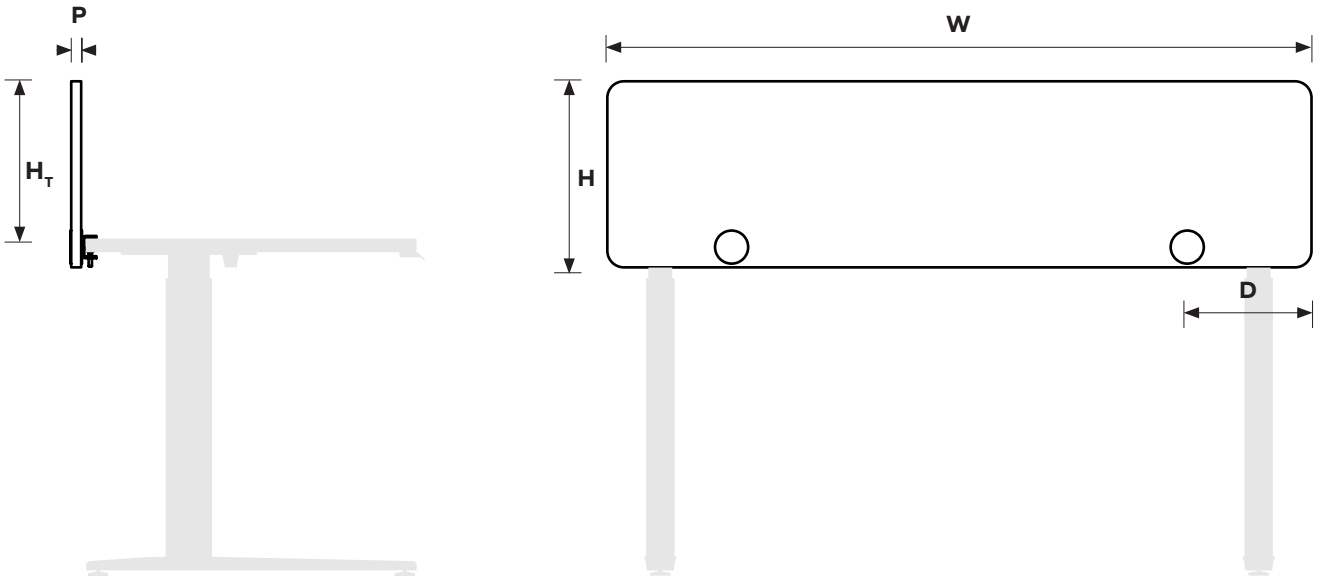
745.24.12.000.**13** - Supra Desk Division Crose

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Supra
Geometry Information

Custom solutions available

Supra Desk Division 745.24.13.000.00



Dimensions table[1]

W	Total width	1800 mm	70.87″
H	Total height	450 mm	17.72″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.81″

1 - all dimensions are nominal

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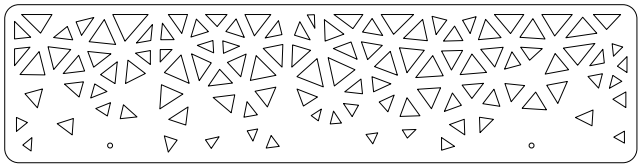
Supra

Custom solutions available

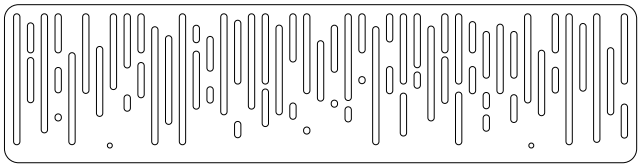
Available perforations

Please note that all patterns are available in eight sizes.

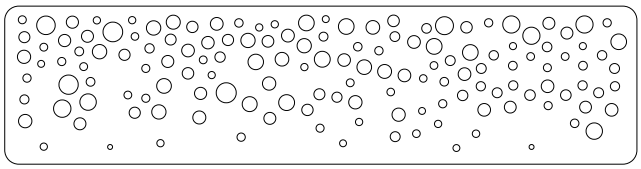
Supra Desk Division 745.24.13.000.00



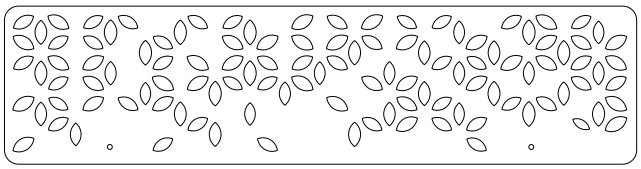
745.24.13.000.**10** - Supra Desk Division Web



745.24.13.000.**11** - Supra Desk Division Matrix



745.24.13.000.**12** - Supra Desk Division Bubbles



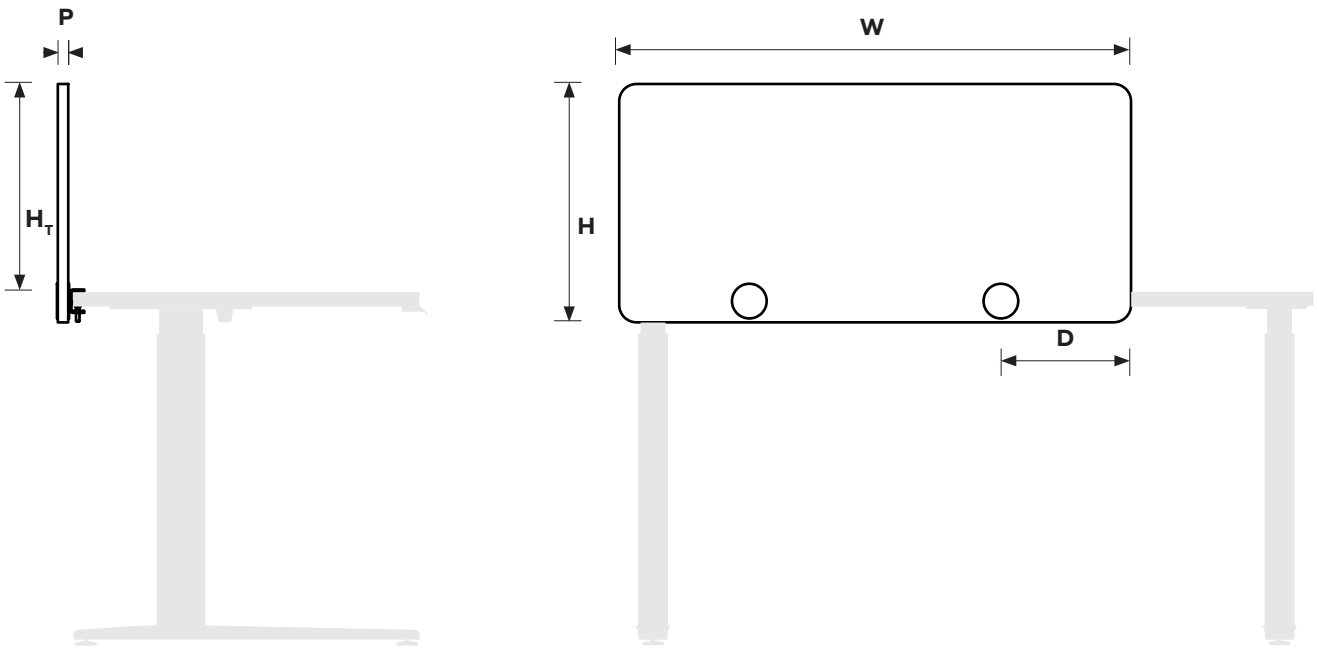
745.24.13.000.**13** - Supra Desk Division Crose

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(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

Supra
Geometry Information

Custom solutions available

Supra Desk Division 745.24.20.000.00



Dimensions table[1]

W	Total width	1180 mm	46.46”
H	Total height	550 mm	21.65”
H_T	Height above table	480 mm	18.90”
P	Material thickness	24 mm	0.94”
D	Distance	300 mm	11.81”

1 - all dimensions are nominal

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(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

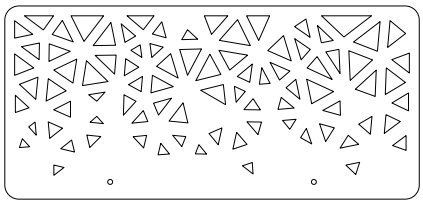
Supra

Custom solutions available

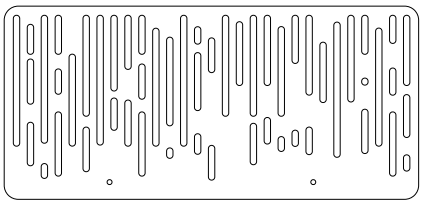
Available perforations

Please note that all patterns are available in eight sizes.

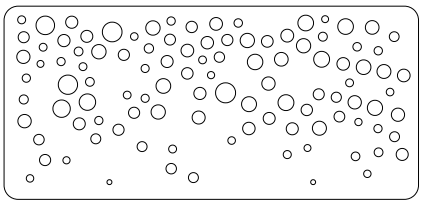
Supra Desk Division 745.24.20.000.00



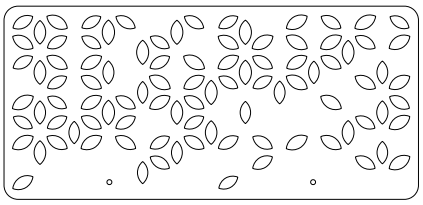
745.24.20.000.**10** - Supra Desk Division Web



745.24.20.000.**11** - Supra Desk Division Matrix



745.24.20.000.**12** - Supra Desk Division Bubbles



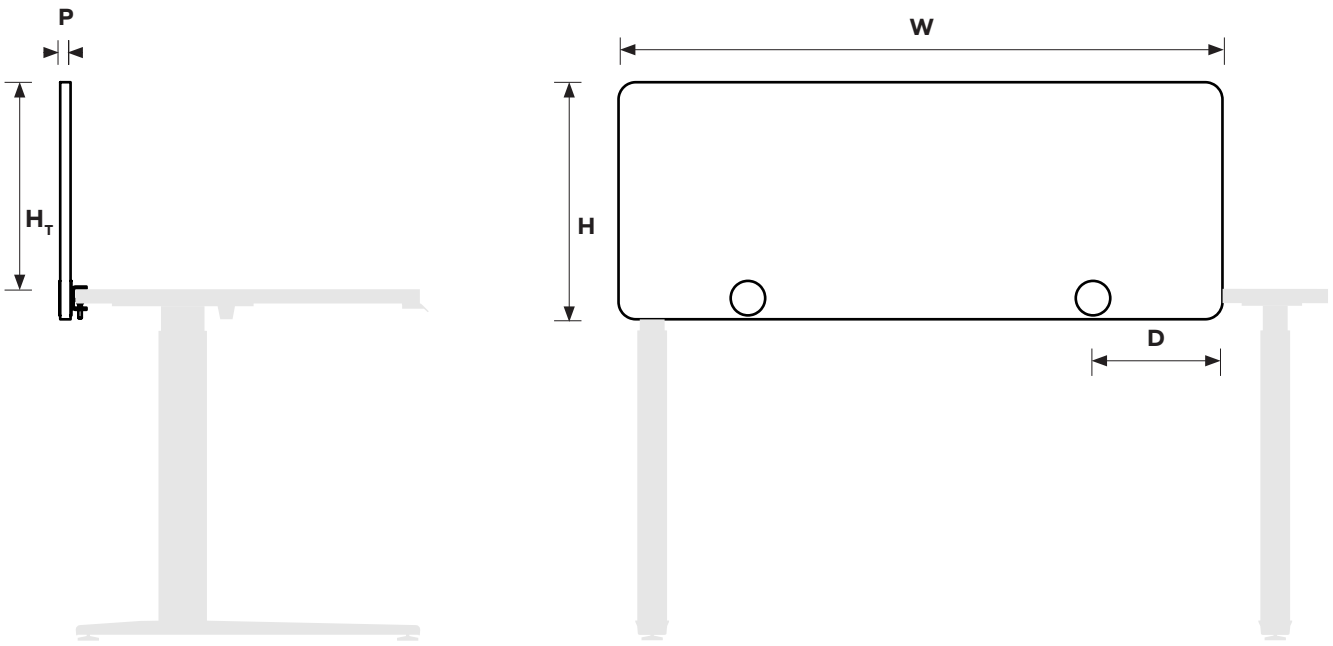
745.24.20.000.**13** - Supra Desk Division Crose

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Supra
Geometry Information

Custom solutions available

Supra Desk Division 745.24.21.000.00



Dimensions table[1]

W	Total width	1400 mm	55.12″
H	Total height	550 mm	21.65″
H_T	Height above table	480 mm	18.90″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.81″

1 - all dimensions are nominal

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(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

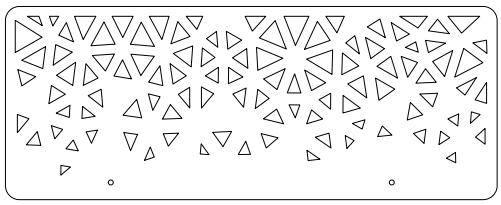
Supra

Custom solutions available

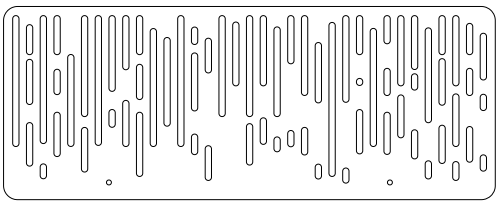
Available perforations

Please note that all patterns are available in eight sizes.

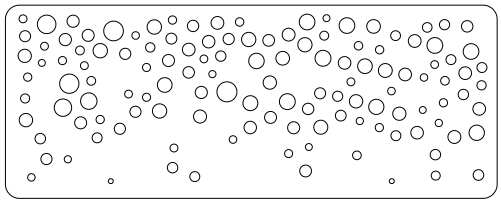
Supra Desk Division 745.24.21.000.00



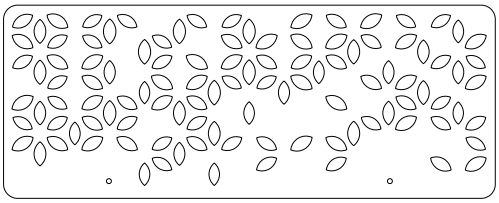
745.24.21.000.**10** - Supra Desk Division Web



745.24.21.000.**11** - Supra Desk Division Matrix



745.24.21.000.**12** - Supra Desk Division Bubbles



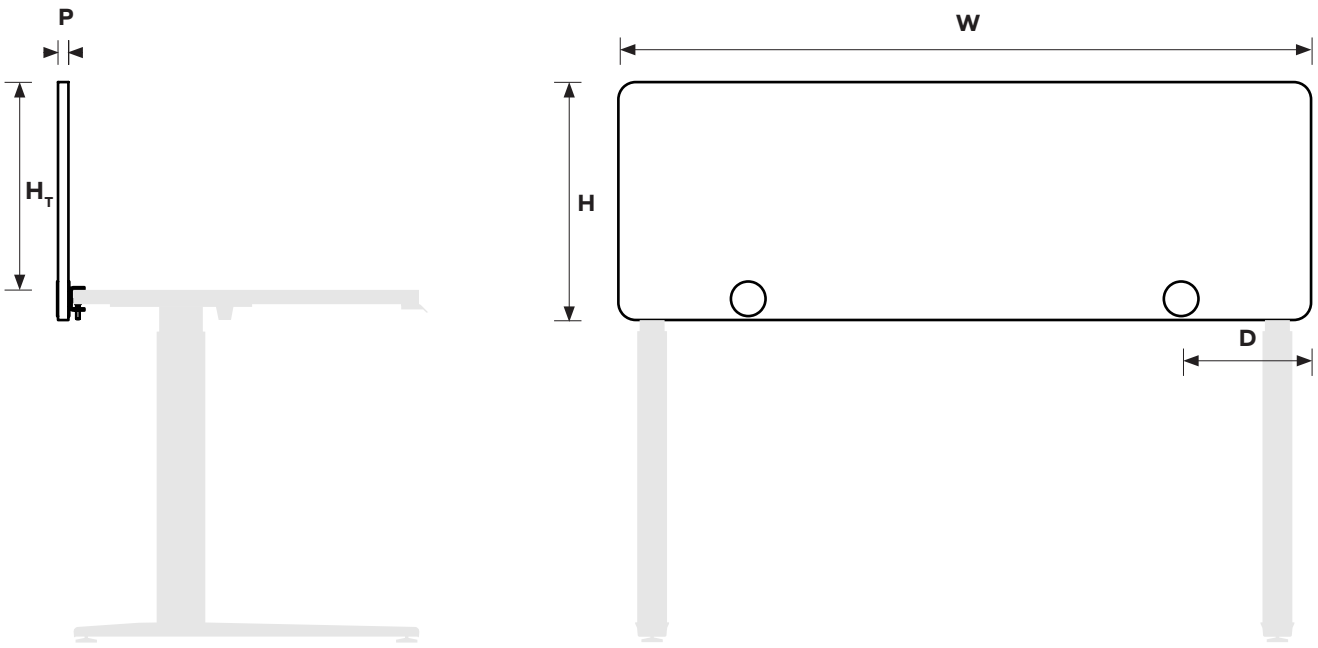
745.24.21.000.**13** - Supra Desk Division Crose

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Supra
Geometry Information

Custom solutions available

Supra Desk Division 745.24.22.000.00



Dimensions table[1]

W	Total width	1600 mm	63.00″
H	Total height	550 mm	21.65″
H_T	Height above table	480 mm	18.90″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.81″

1 - all dimensions are nominal

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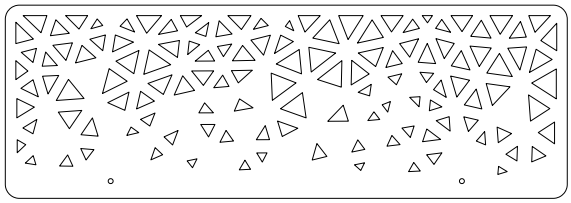
Supra

Custom solutions available

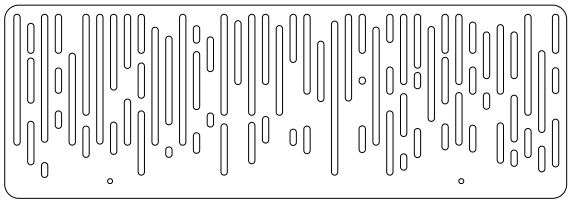
Available perforations

Please note that all patterns are available in eight sizes.

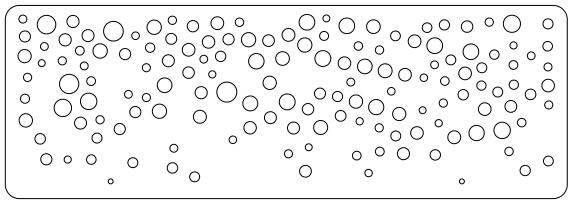
Supra Desk Division 745.24.22.000.00



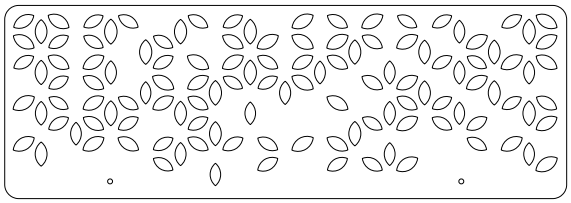
745.24.22.000.**10** - Supra Desk Division Web



745.24.22.000.**11** - Supra Desk Division Matrix



745.24.22.000.**12** - Supra Desk Division Bubbles



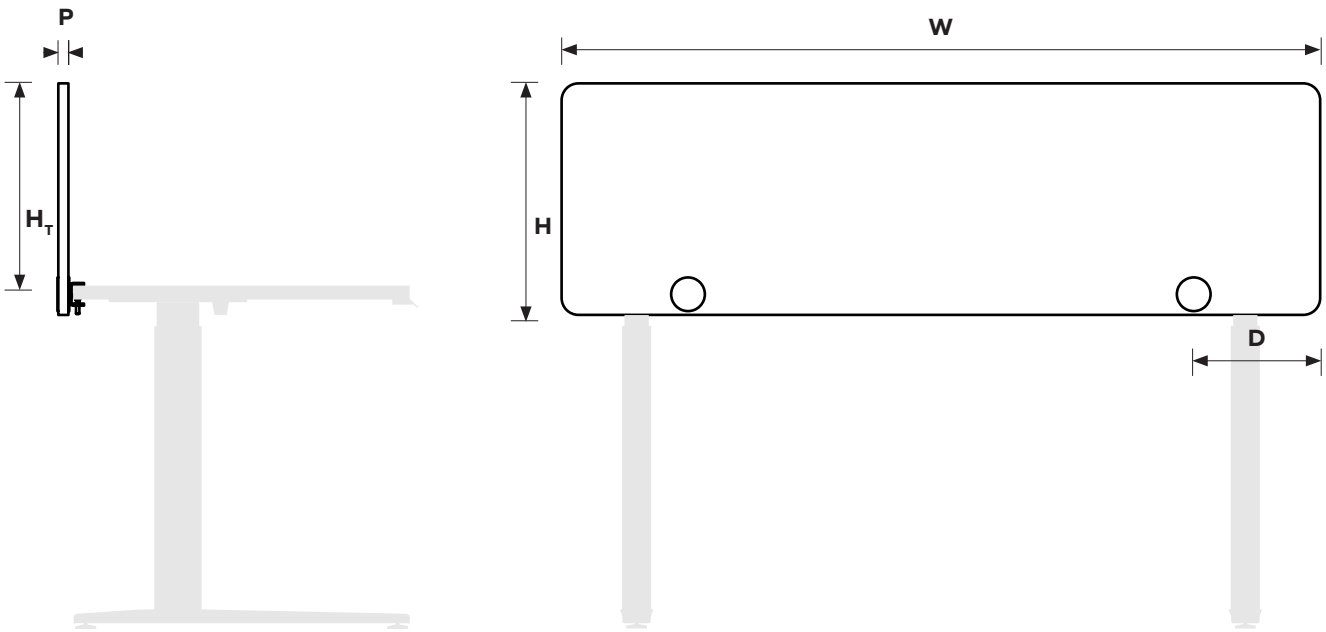
745.24.22.000.**13** - Supra Desk Division Crose

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Supra
Geometry Information

Custom solutions available

Supra Desk Division 745.24.23.000.00



Dimensions table[1]

W	Total width	1800 mm	70.87″
H	Total height	550 mm	21.65″
H_T	Height above table	480 mm	18.90″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.81″

1 - all dimensions are nominal

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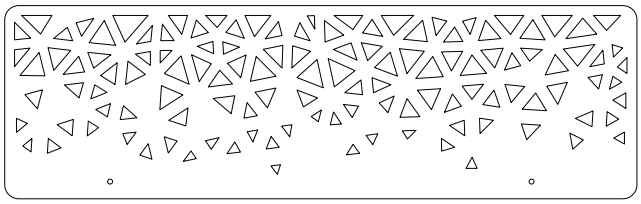
Supra

Custom solutions available

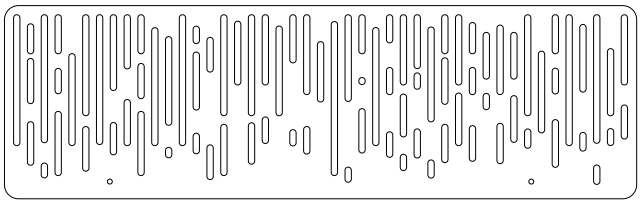
Available perforations

Please note that all patterns are available in eight sizes.

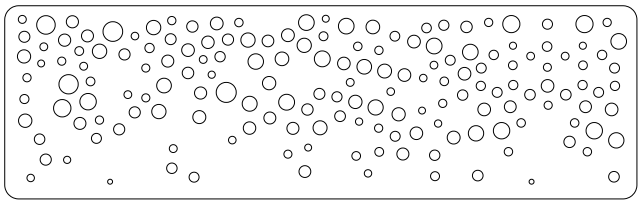
Supra Desk Division 745.24.23.000.00



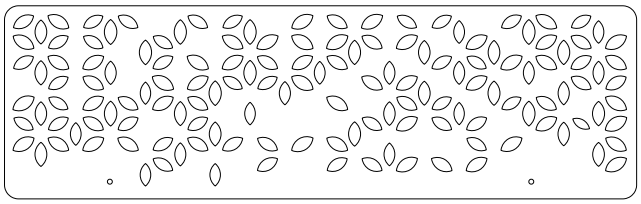
745.24.23.000.**10** - Supra Desk Division Web



745.24.23.000.**11** - Supra Desk Division Matrix



745.24.23.000.**12** - Supra Desk Division Bubbles



745.24.23.000.**13** - Supra Desk Division Crose

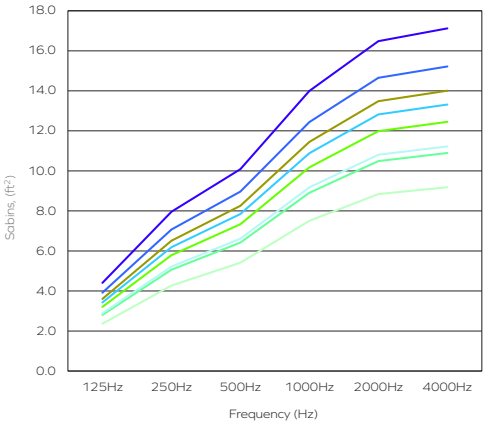
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Supra
Acoustic Performance

University of Stuttgart
Germany

Testing Standards

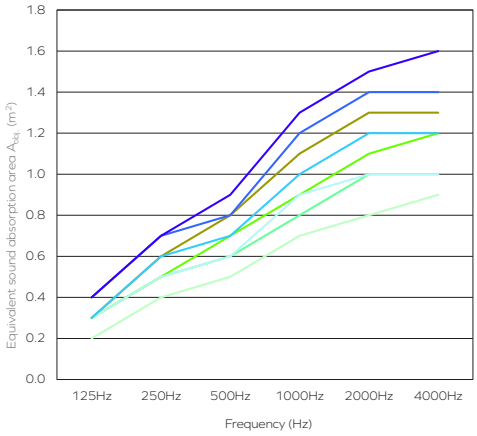
ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics — Sound absorbers for use in buildings — Rating of sound absorption
ISO 20189:2018	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound 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 Supra 1180mm x 450mm	2.4	4.3	5.4	7.5	8.8	9.2
24mm Supra 1400mm x 450mm	2.8	5.1	6.4	8.9	10.5	10.9
24mm Supra 1600mm x 450mm	3.2	5.8	7.3	10.2	12.0	12.5
24mm Supra 1800mm x 450mm	3.6	6.5	8.3	11.5	13.5	14.0
24mm Supra 1180mm x 550mm	2.9	5.2	6.6	9.2	10.8	11.2
24mm Supra 1400mm x 550mm	3.4	6.2	7.8	10.9	12.8	13.3
24mm Supra 1600mm x 550mm	3.9	7.1	9.0	12.4	14.7	15.2
24mm Supra 1800mm x 550mm	4.4	8.0	10.1	14.0	16.5	17.1

The graph represents the Sabins (ft²) in the third octave band center frequencies in accordance with ASTM C423.



Acoustic Performance - ISO A_{obj} , m²

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Supra 1180mm x 450mm	0.2	0.4	0.5	0.7	0.8	0.9
24mm Supra 1400mm x 450mm	0.3	0.5	0.6	0.8	1.0	1.0
24mm Supra 1600mm x 450mm	0.3	0.5	0.7	0.9	1.1	1.2
24mm Supra 1800mm x 450mm	0.3	0.6	0.8	1.1	1.3	1.3
24mm Supra 1180mm x 550mm	0.3	0.5	0.6	0.9	1.0	1.0
24mm Supra 1400mm x 550mm	0.3	0.6	0.7	1.0	1.2	1.2
24mm Supra 1600mm x 550mm	0.4	0.7	0.8	1.2	1.4	1.4
24mm Supra 1800mm x 550mm	0.4	0.7	0.9	1.3	1.5	1.6

The graph represents the equivalent sound absorption area per object (A_{obj}) in the third octave band center frequencies in accordance with ISO 20189. Measurement used Pink Noise as excitation signal in a reverberant room.

- 24mm Supra 1180mm x 450mm
- 24mm Supra 1400mm x 450mm
- 24mm Supra 1600mm x 450mm
- 24mm Supra 1800mm x 450mm
- 24mm Supra 1180mm x 550mm
- 24mm Supra 1400mm x 550mm
- 24mm Supra 1600mm x 550mm
- 24mm Supra 1800mm x 550mm

Acoustic Test Results

	αw	SAA	NRC
24mm Freestanding Panel 1800x2400mm (Plain)[1]	0.55 (H)	0.57	0.55
24mm Freestanding Panel 1800x2400mm (Perforated pattern)[1]	0.45 (H)	0.47	0.45

1 - Measurement taken with the panel oriented vertically.

The NRC rating is calculated as the average of the absorption coefficients measured at frequencies of 250Hz, 500Hz, 1000Hz and 2000Hz and round to the nearest 0.05. SAA rating is calculated as the average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200Hz through 2500Hz and

Note: Data presented applies to plain panels only. Acoustic performance for perforated panels is available upon request.

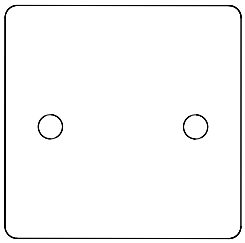
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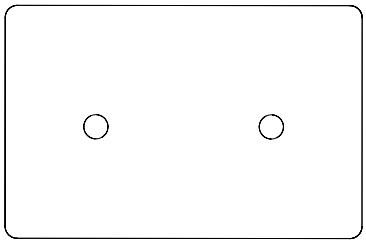
Available sizes

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



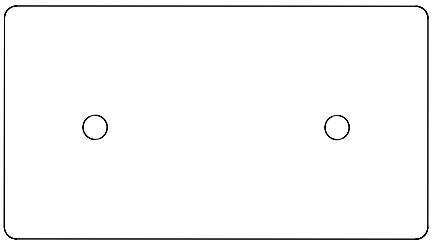
745.24.**30**.000.XX - Infra Desk Division

780x770
(30.70"x30.32")



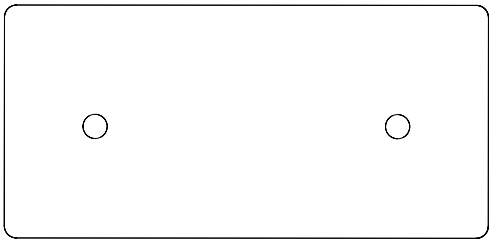
745.24.**31**.000.XX - Infra Desk Division

1180x770
(46.46"x30.32")



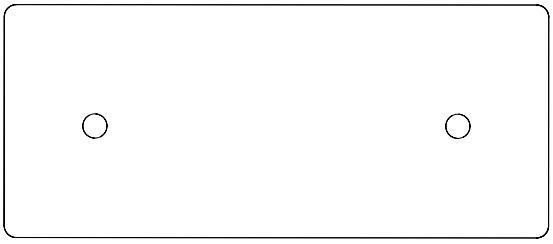
745.24.**32**.000.XX - Infra Desk Division

1400x770
(55.12"x30.32")



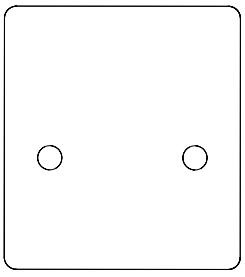
745.24.**33**.000.XX - Infra Desk Division

1600x770
(62.99"x30.32")



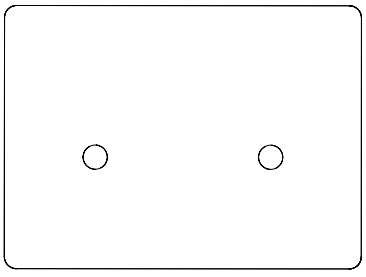
745.24.**34**.000.XX - Infra Desk Division

1800x770
(70.87"x30.32")



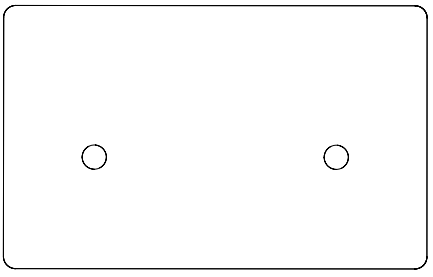
745.24.**40**.000.XX - Infra Desk Division

780x870
(30.70"x34.25")



745.24.**41**.000.XX - Infra Desk Division

1180x870
(46.46"x34.25")



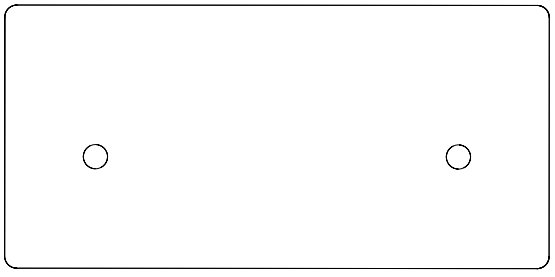
745.24.**42**000.XX - Infra Desk Division

1400x870
(55.12"x34.25")



745.24.**43**.000.XX - Infra Desk Division

1600x870
(62.99"x34.25")



745.24.**44**.000.XX - Infra Desk Division

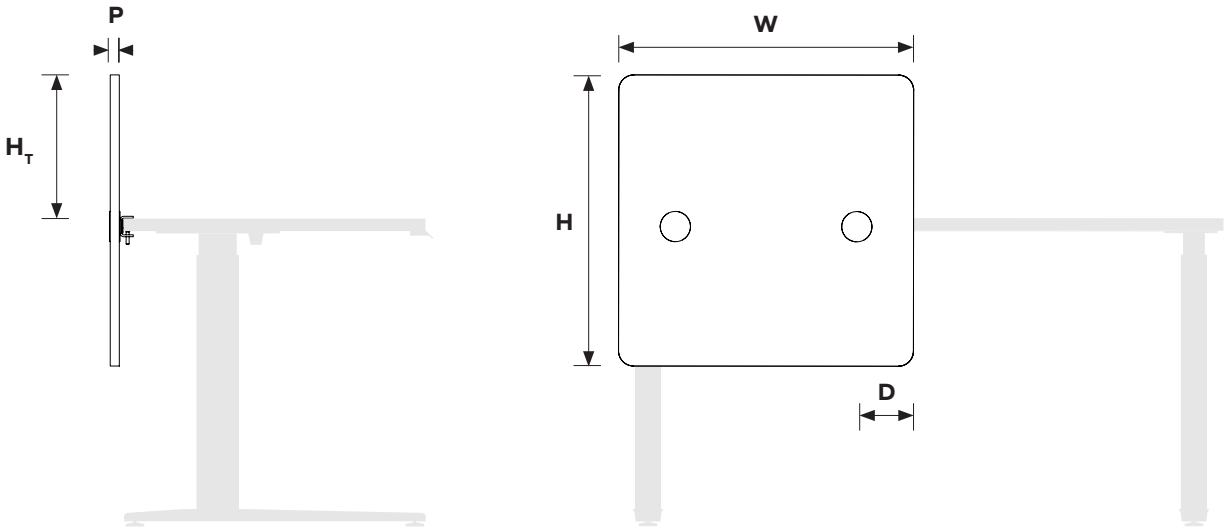
1800x870
(70.87"x34.25")

Infra

Custom solutions available

Geometry Information

Infra Desk Division 745.24.30.000.00



Dimensions table[1]

W	Total width	780 mm	30.70″
H	Total height	770 mm	30.32″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	150 mm	5.9″

1 - all dimensions are nominal

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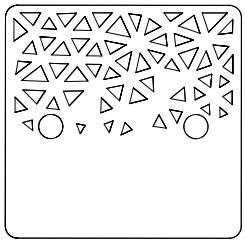
Infra

Custom solutions available

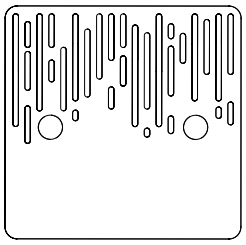
Available perforations

Please note that all patterns are available in eight sizes.

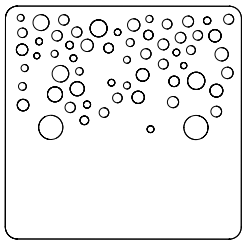
Infra Desk Division 745.24.30.000.00



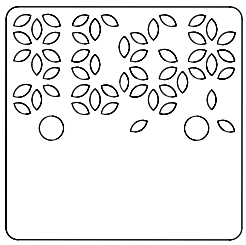
745.24.30.000.**10** - Infra Desk Division Web



745.24.30.000.**11** - Infra Desk Division Matrix



745.24.30.000.**12** - Infra Desk Division Bubbles



745.24.30.000.**13** - Infra Desk Division Crose

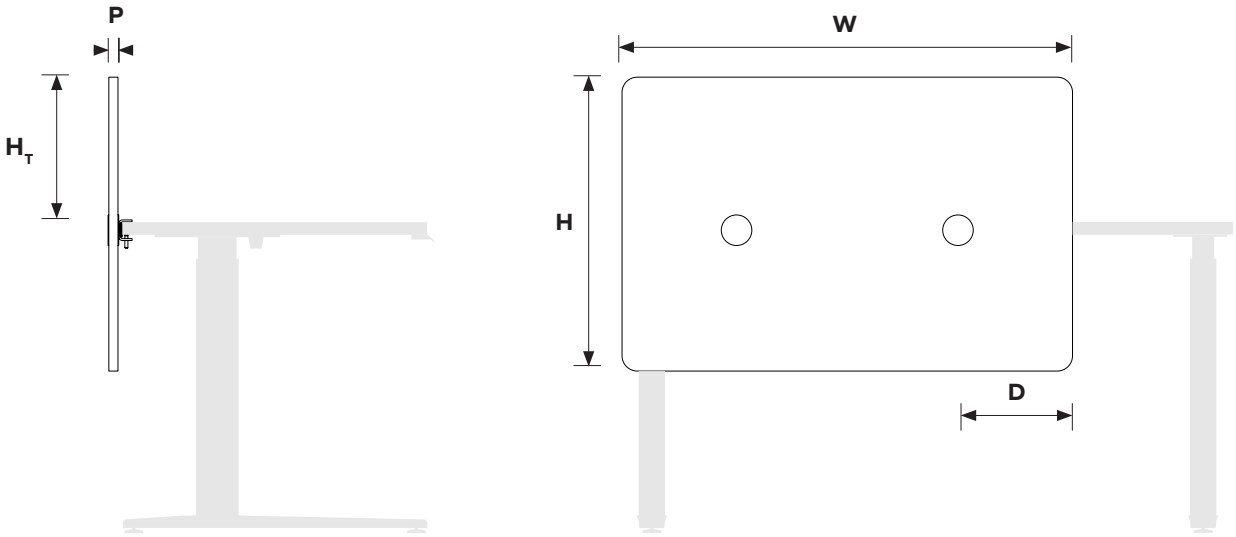
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(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

Infra

Custom solutions available

Geometry Information

Infra Desk Division 745.24.31.000.00



Dimensions table[1]

W	Total width	1180 mm	46.46″
H	Total height	770 mm	30.32″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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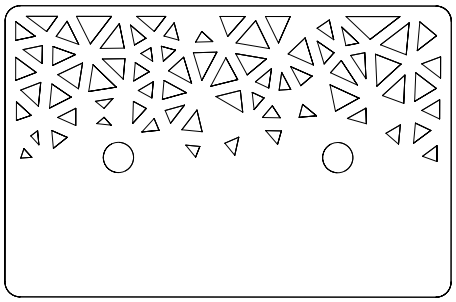
Infra

Custom solutions available

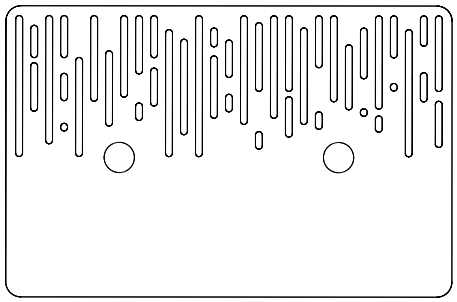
Available perforations

Please note that all patterns are available in eight sizes.

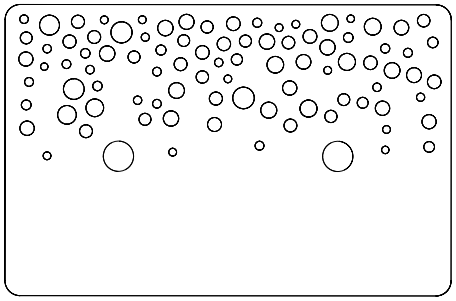
Infra Desk Division 745.24.31.000.00



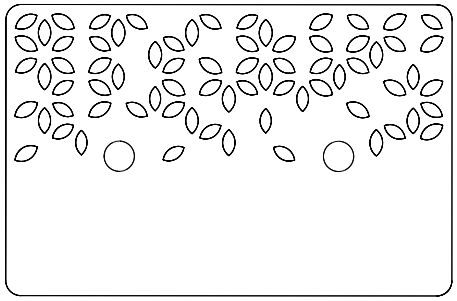
745.24.31.000.**10** - Infra Desk Division Web



745.24.31.000.**11** - Infra Desk Division Matrix



745.24.31.000.**12** - Infra Desk Division Bubbles



745.24.31.000.**13** - Infra Desk Division Crose

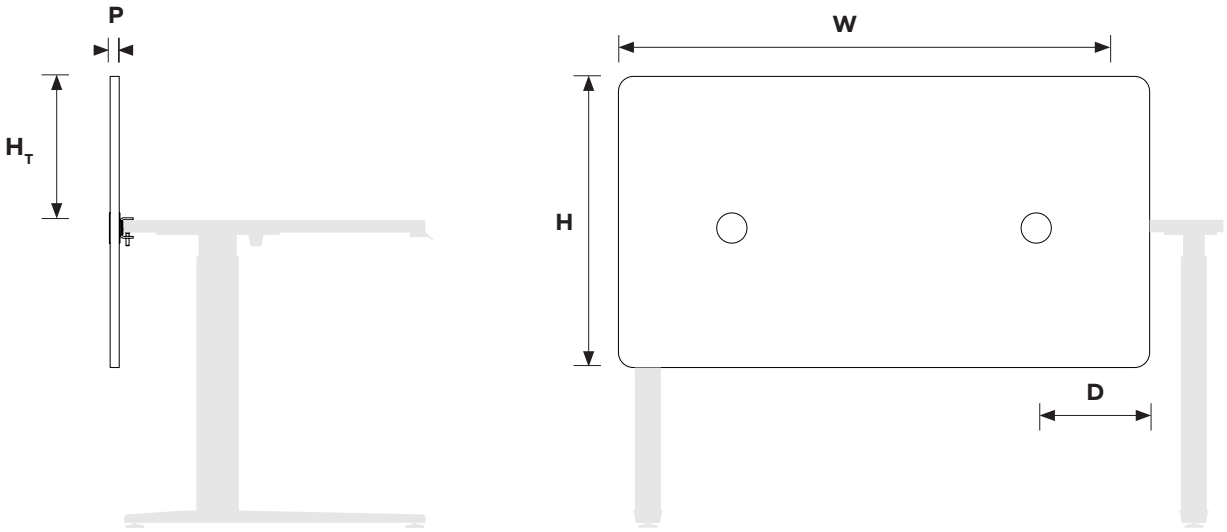
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Infra

Custom solutions available

Geometry Information

Infra Desk Division 745.24.32.000.00



Dimensions table[1]

W	Total width	1400 mm	55.12″
H	Total height	770 mm	30.32″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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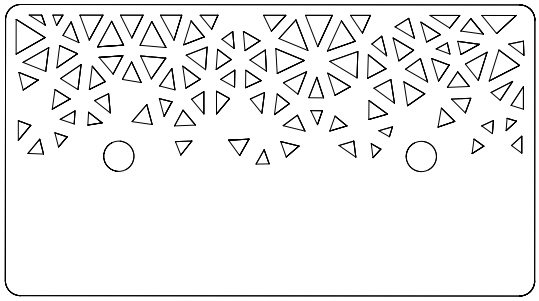
Infra

Custom solutions available

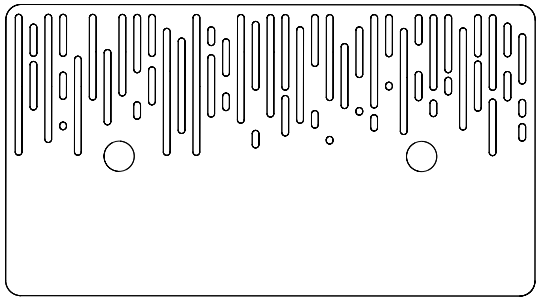
Available perforations

Please note that all patterns are available in eight sizes.

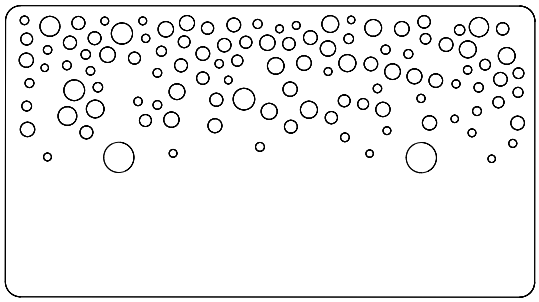
Infra Desk Division 745.24.32.000.00



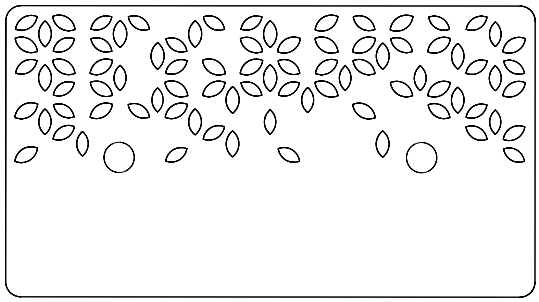
745.24.32.000.**10** - Infra Desk Division Web



745.24.32.000.**11** - Infra Desk Division Matrix



745.24.32.000.**12** - Infra Desk Division Bubbles



745.24.32.000.**13** - Infra Desk Division Crose

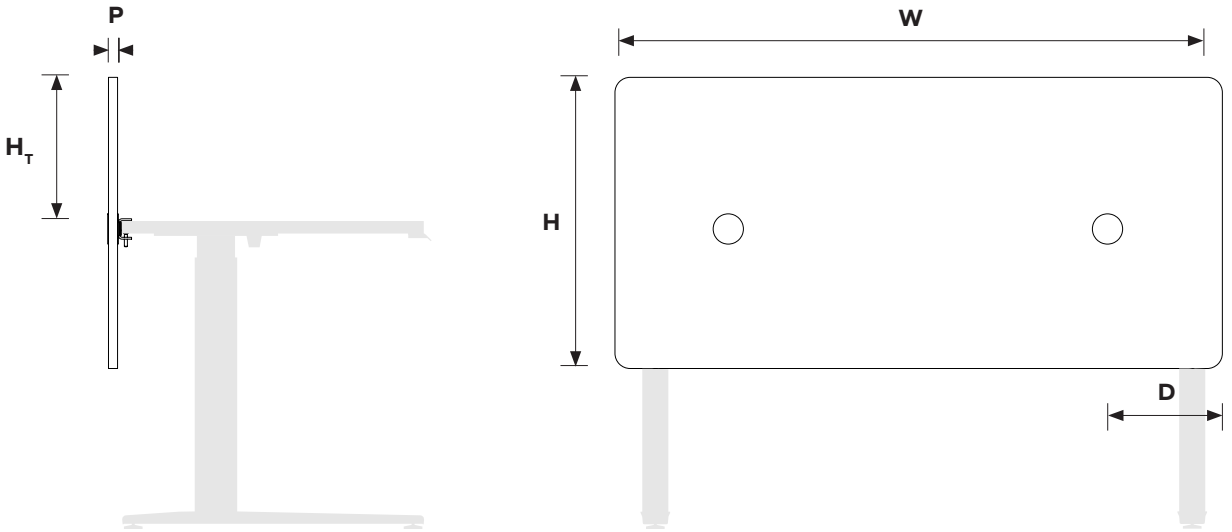
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Infra

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Geometry Information

Infra Desk Division 745.24.33.000.00



Dimensions table[1]

W	Total width	1600 mm	62.99″
H	Total height	770 mm	30.32″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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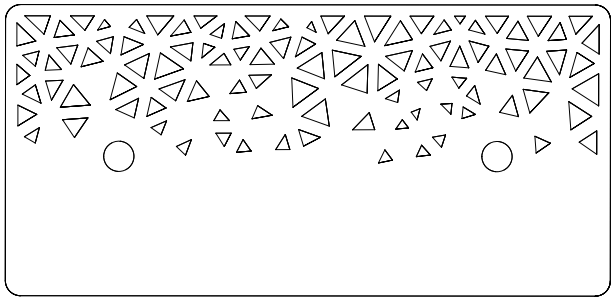
Infra

Custom solutions available

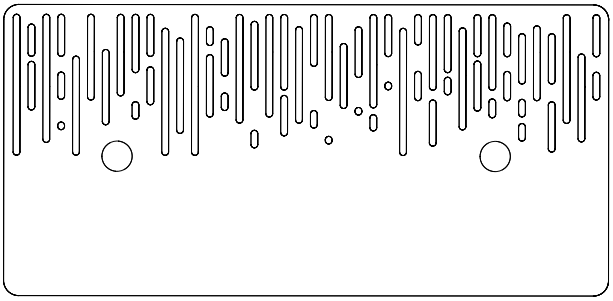
Available perforations

Please note that all patterns are available in eight sizes.

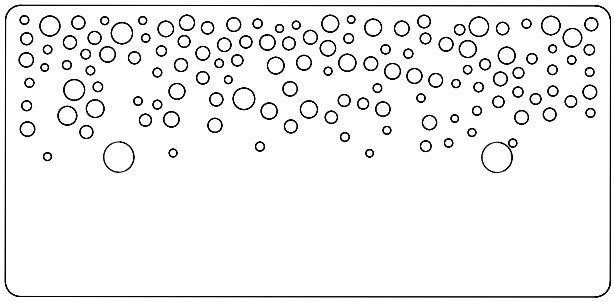
Infra Desk Division 745.24.33.000.00



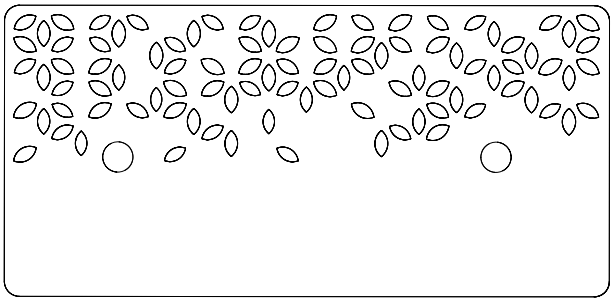
745.24.33.000.**10** - Infra Desk Division Web



745.24.33.000.**11** - Infra Desk Division Matrix



745.24.33.000.**12** - Infra Desk Division Bubbles



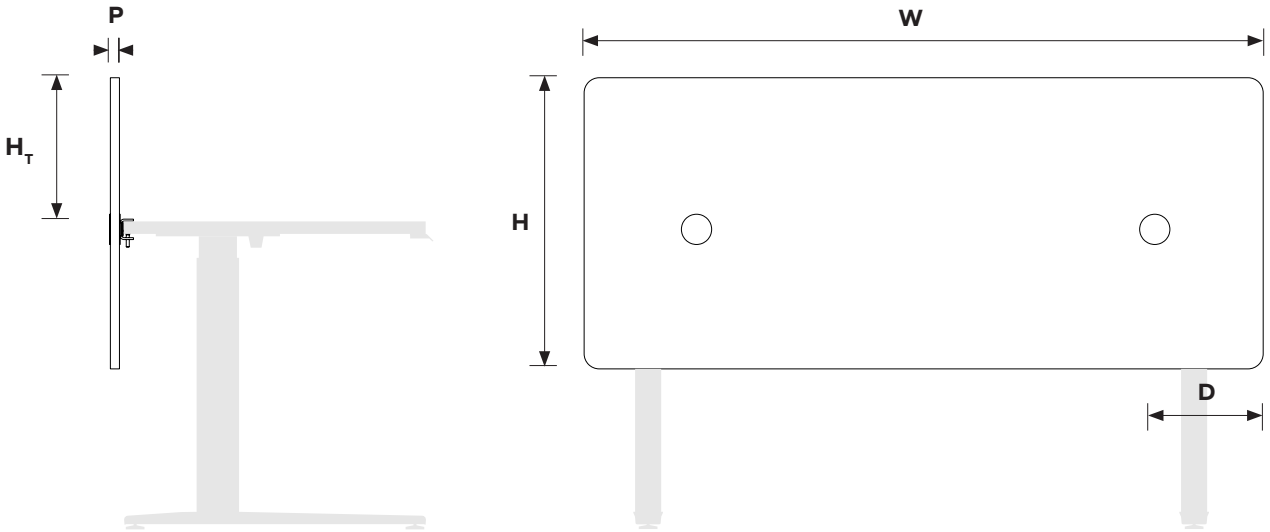
745.24.33.000.**13** - Infra Desk Division Crose

Infra

Custom solutions available

Geometry Information

Infra Desk Division 745.24.34.000.00



Dimensions table[1]

W	Total width	1800 mm	70.87″
H	Total height	770 mm	30.32″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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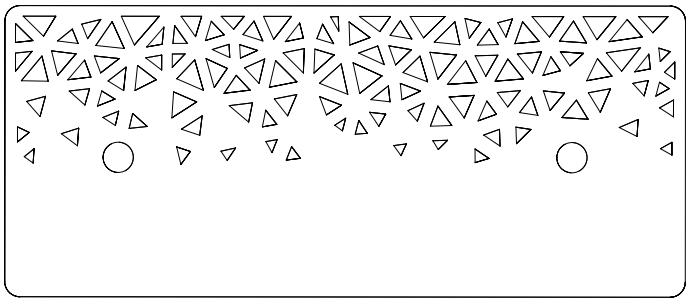
Infra

Custom solutions available

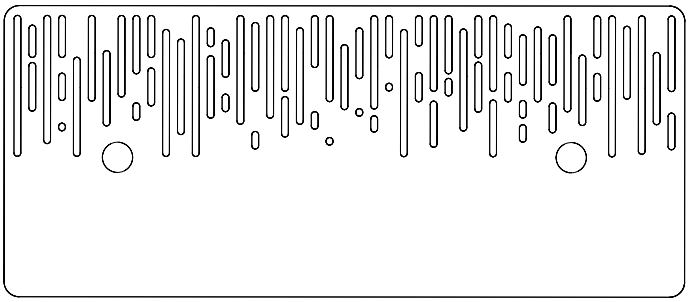
Available perforations

Please note that all patterns are available in eight sizes.

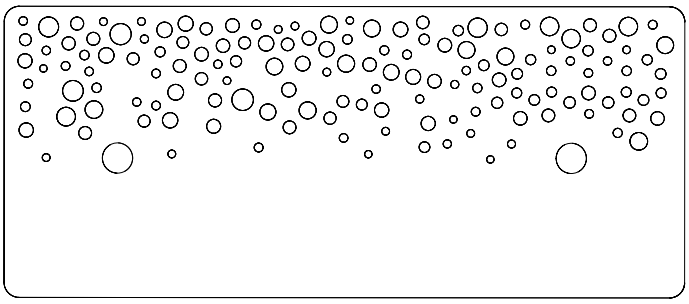
Infra Desk Division 745.24.34.000.00



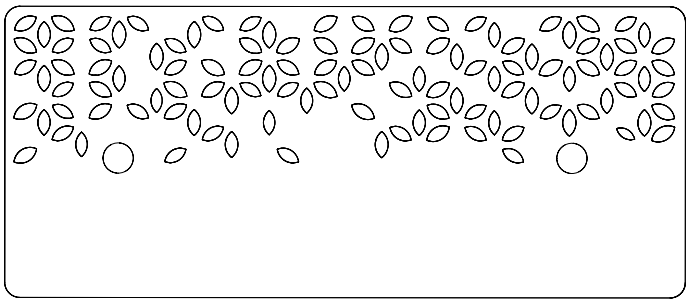
745.24.34.000.**10** - Infra Desk Division Web



745.24.34.000.**11** - Infra Desk Division Matrix



745.24.34.000.**12** - Infra Desk Division Bubbles



745.24.34.000.**13** - Infra Desk Division Crose

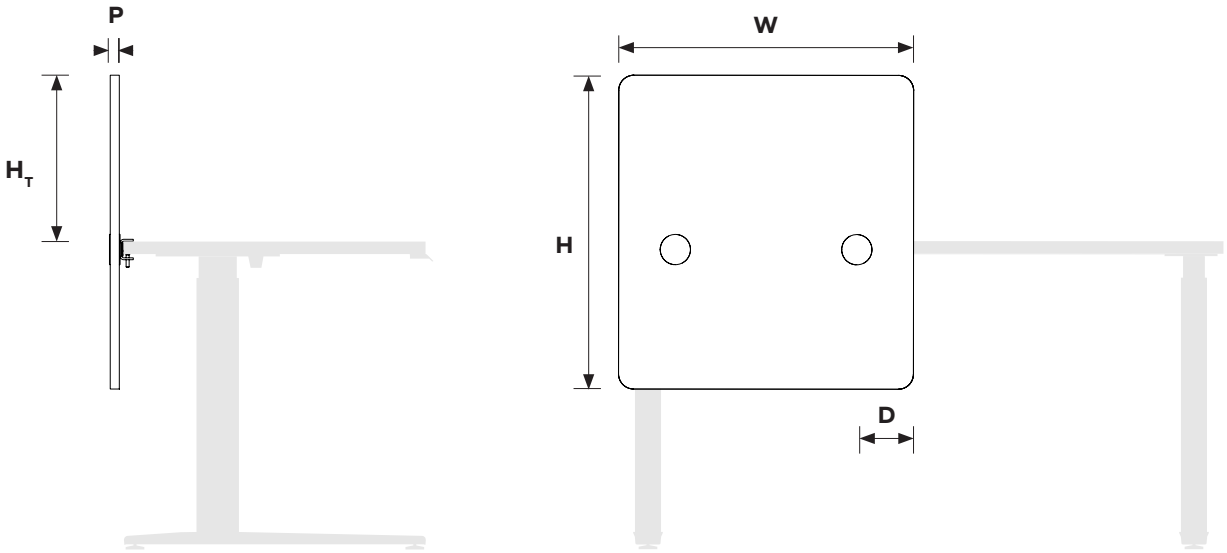
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Infra

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Geometry Information

Infra Desk Division 745.24.40.000.00



Dimensions table[1]

W	Total width	780 mm	30.70″
H	Total height	870 mm	34.25″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	150 mm	5.9″

1 - all dimensions are nominal

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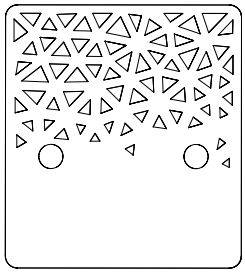
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Custom solutions available

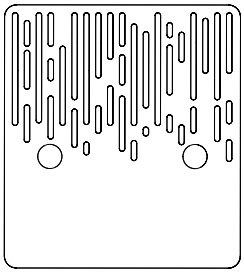
Available perforations

Please note that all patterns are available in eight sizes.

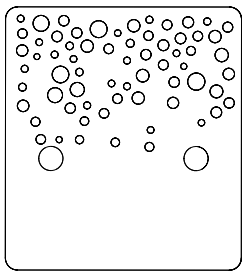
Infra Desk Division 745.24.40.000.00



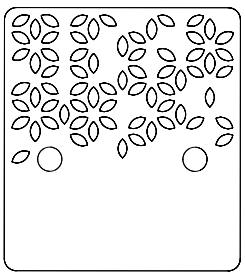
745.24.40.000.**10** - Infra Desk Division Web



745.24.40.000.**11** - Infra Desk Division Matrix



745.24.40.000.**12** - Infra Desk Division Bubbles



745.24.40.000.**13** - Infra Desk Division Crose

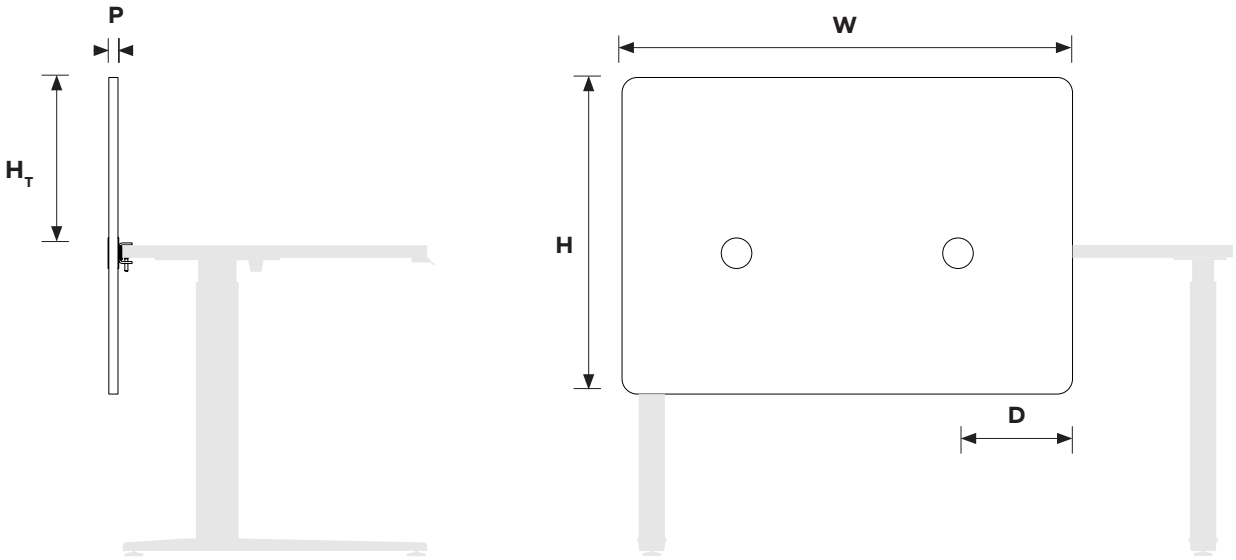
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Infra

Custom solutions available

Geometry Information

Infra Desk Division 745.24.41.000.00



Dimensions table[1]

W	Total width	1180 mm	46.46″
H	Total height	870 mm	34.25″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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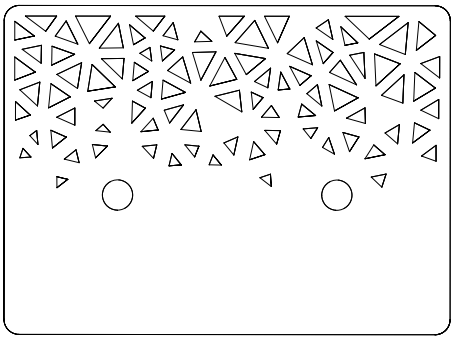
Infra

Custom solutions available

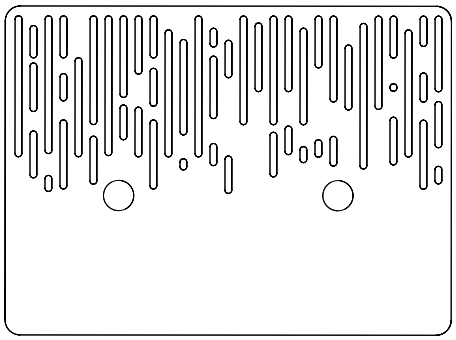
Available perforations

Please note that all patterns are available in eight sizes.

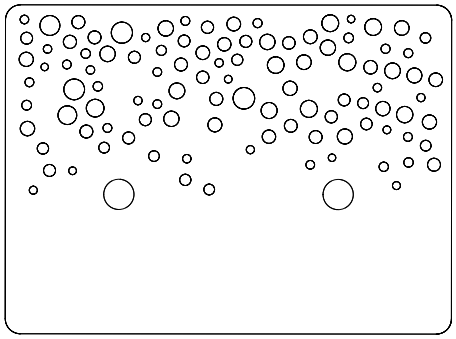
Infra Desk Division 745.24.41.000.00



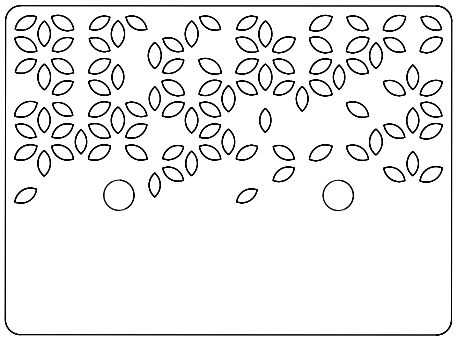
745.24.41.000.**10** - Supra Desk Division Web



745.24.41.000.**11** - Supra Desk Division Matrix



745.24.41.000.**12** - Supra Desk Division Bubbles



745.24.41.000.**13** - Supra Desk Division Crose

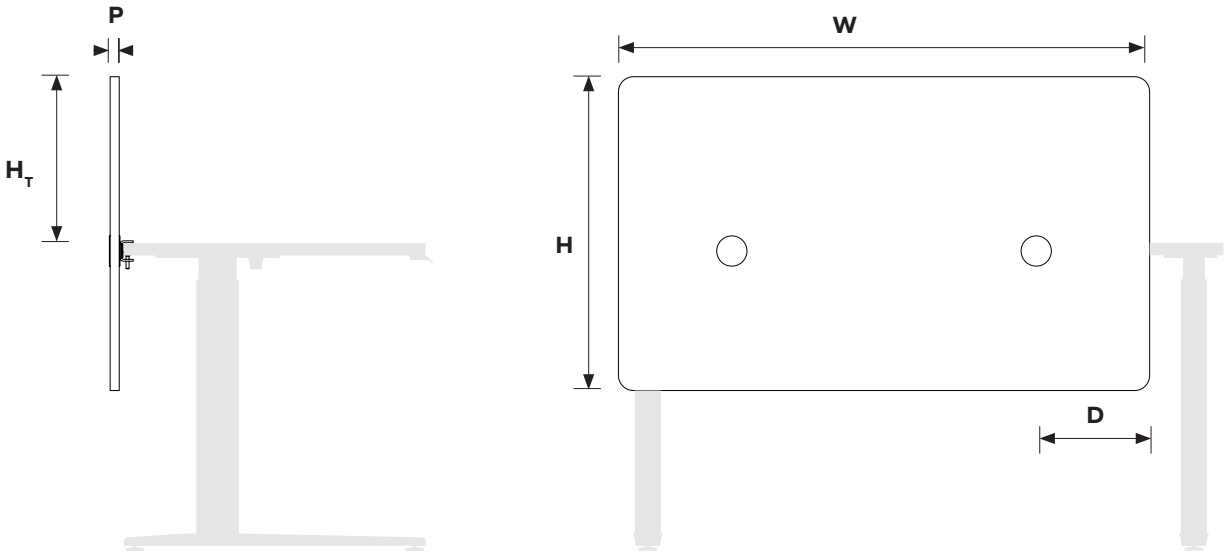
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Infra

Custom solutions available

Geometry Information

Infra Desk Division 745.24.42.000.00



Dimensions table[1]

W	Total width	1400 mm	55.12″
H	Total height	870 mm	34.25″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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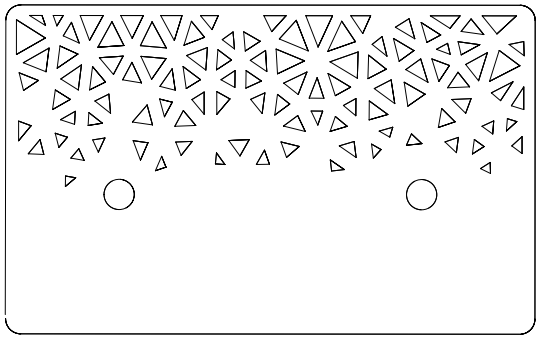
Infra

Custom solutions available

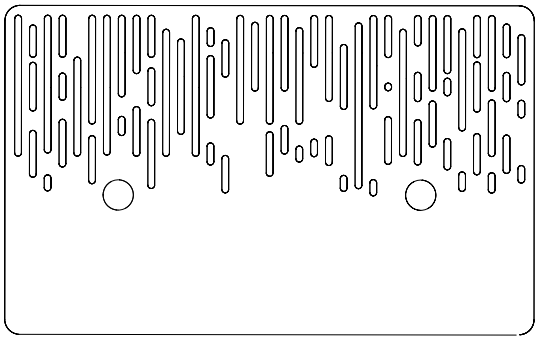
Available perforations

Please note that all patterns are available in eight sizes.

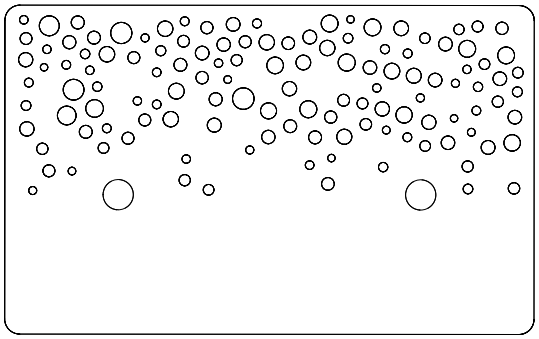
Infra Desk Division 745.24.42.000.00



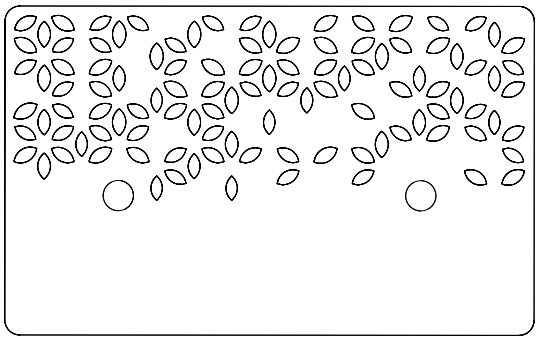
745.24.42.000.**10** - Infra Desk Division Web



745.24.42.000.**11** - Infra Desk Division Matrix



745.24.42.000.**12** - Infra Desk Division Bubbles



745.24.42.000.**13** - Infra Desk Division Crose

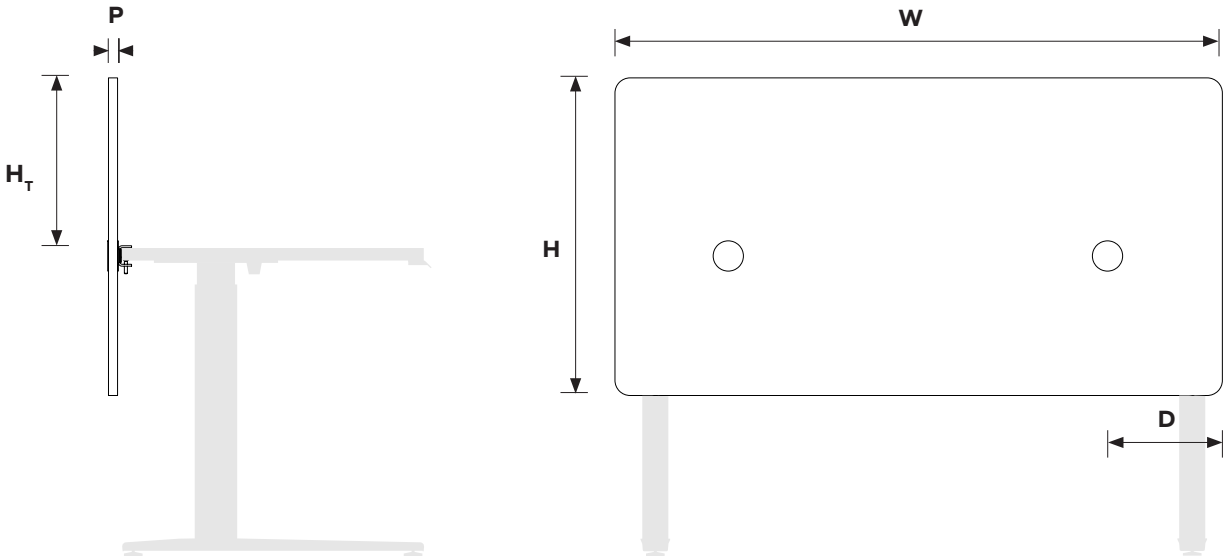
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Infra

Custom solutions available

Geometry Information

Infra Desk Division 745.24.43.000.00



Dimensions table[1]

W	Total width	1600 mm	62.99″
H	Total height	870 mm	34.25″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

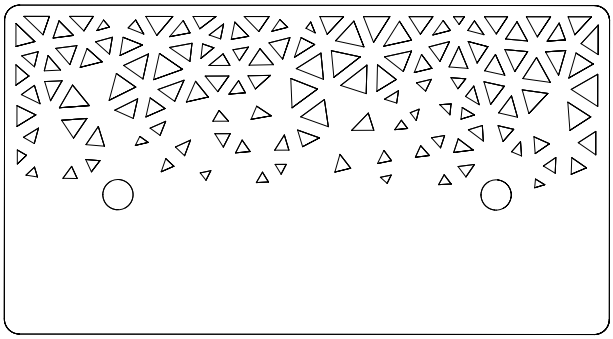
Infra

Custom solutions available

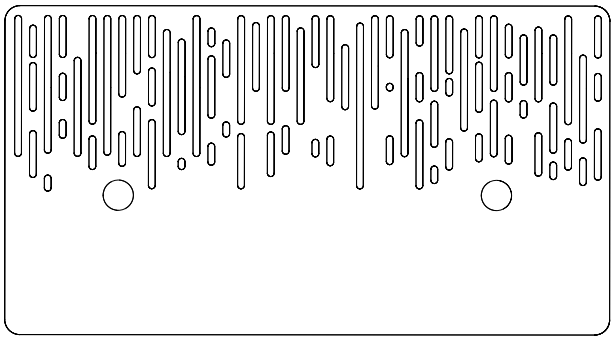
Available perforations

Please note that all patterns are available in eight sizes.

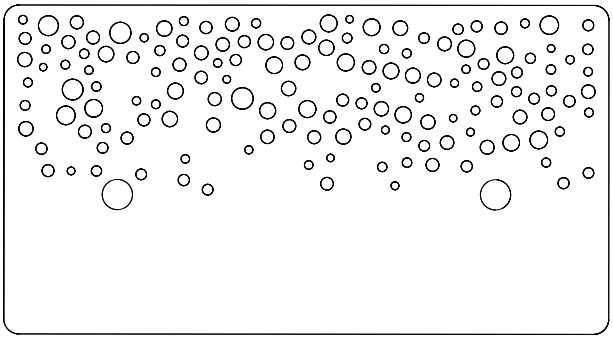
Infra Desk Division 745.24.43.000.00



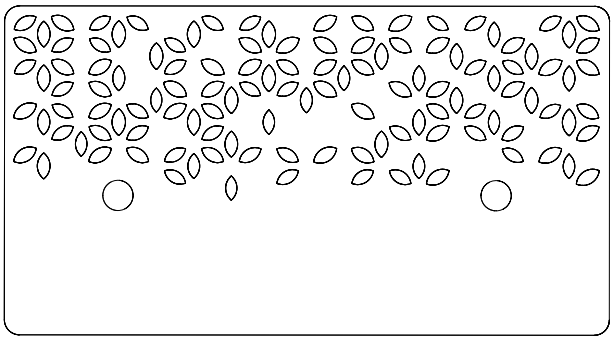
745.24.43.000.**10** - Infra Desk Division Web



745.24.43.000.**11** - Infra Desk Division Matrix



745.24.43.000.**12** - Infra Desk Division Bubbles



745.24.43.000.**13** - Infra Desk Division Crose

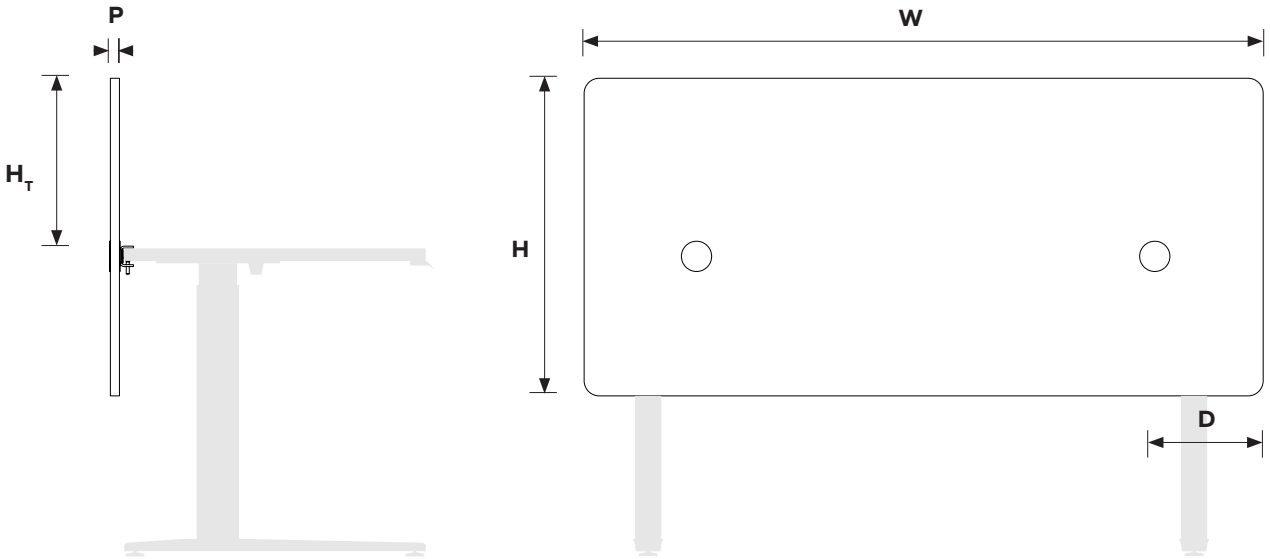
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Infra

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Geometry Information

Infra Desk Division 745.24.44.000.00



Dimensions table[1]

W	Total width	1800 mm	70.87″
H	Total height	870 mm	34.25″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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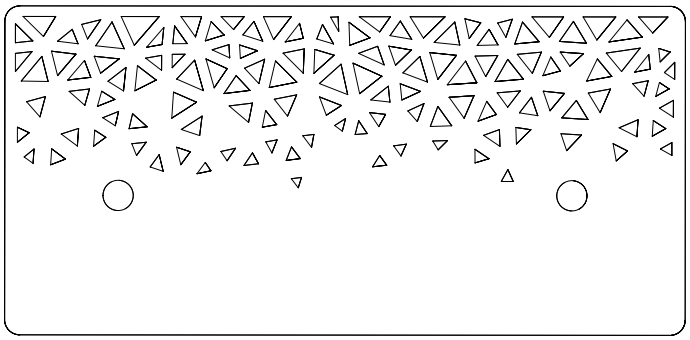
Infra

Custom solutions available

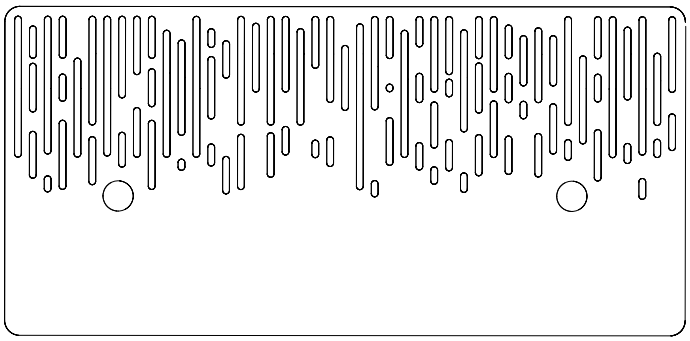
Available perforations

Please note that all patterns are available in eight sizes.

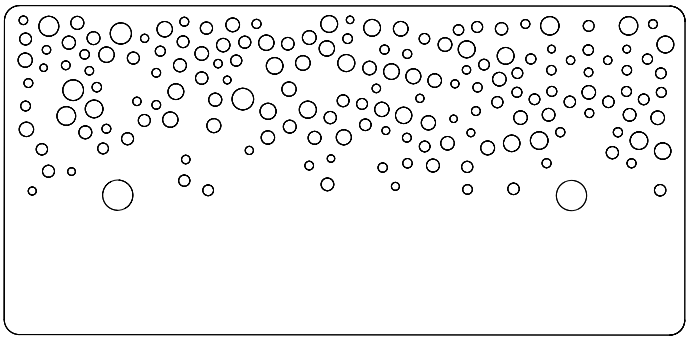
Infra Desk Division 745.24.44.000.00



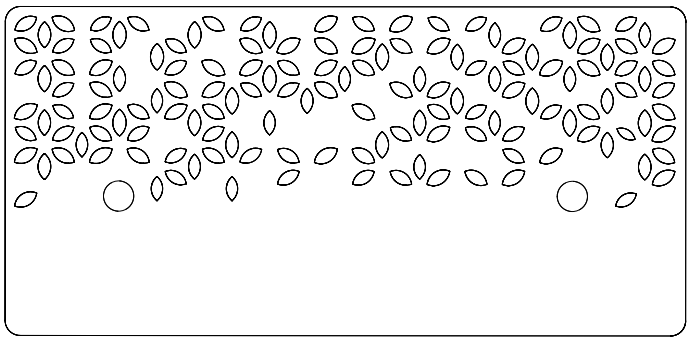
745.24.44.000.**10** - Infra Desk Division Web



745.24.44.000.**11** - Infra Desk Division Matrix



745.24.44.000.**12** - Infra Desk Division Bubbles



745.24.44.000.**13** - Infra Desk Division Crose

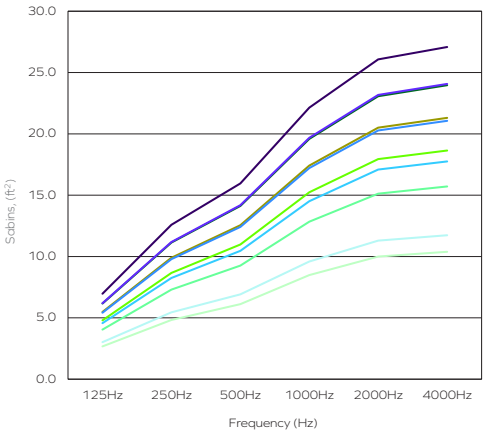
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Infra
Acoustic Performance

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Testing Standards

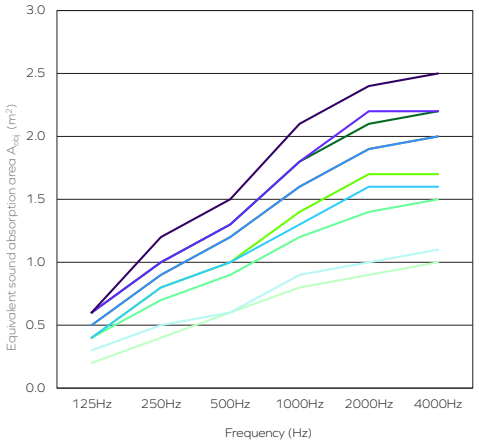
ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
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ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests



Acoustic Performance - ASTM Sabins , ft^2

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Infra 780mm x 770mm	2.67	4.83	6.12	8.49	10.00	10.39
24mm Infra 1180mm x 770mm	4.04	7.30	9.26	12.84	15.13	15.71
24mm Infra 1400mm x 770mm	4.80	8.66	10.98	15.24	17.95	18.64
24mm Infra 1600mm x 770mm	5.48	9.90	12.55	17.42	20.51	21.31
24mm Infra 1800mm x 770mm	6.17	11.14	14.12	19.59	23.07	23.97
24mm Infra 780mm x 870mm	3.02	5.45	6.91	9.59	11.30	11.74
24mm Infra 1180mm x 870mm	4.57	8.25	10.46	14.51	17.09	17.75
24mm Infra 1400mm x 870mm	5.42	9.79	12.41	17.22	20.28	21.06
24mm Infra 1600mm x 870mm	6.19	11.19	14.18	19.68	23.17	24.07
24mm Infra 1800mm x 870mm	6.97	12.59	15.96	22.14	26.07	27.08

The graph represents the Sabins (ft^2) in the third octave band center frequencies in accordance with ASTM C423.



- 24mm Infra 780mm x 770mm
- 24mm Infra 1180mm x 770mm
- 24mm Infra 1400mm x 770mm
- 24mm Infra 1600mm x 770mm
- 24mm Infra 1800mm x 770mm
- 24mm Infra 780mm x 870mm
- 24mm Infra 1180mm x 870mm
- 24mm Infra 1400mm x 870mm
- 24mm Infra 1600mm x 870mm
- 24mm Infra 1800mm x 870mm

Acoustic Performance - ISO A_{obj} , m^2

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Infra 780mm x 770mm	0.2	0.4	0.6	0.8	0.9	1.0
24mm Infra 1180mm x 770mm	0.4	0.7	0.9	1.2	1.4	1.5
24mm Infra 1400mm x 770mm	0.4	0.8	1.0	1.4	1.7	1.7
24mm Infra 1600mm x 770mm	0.5	0.9	1.2	1.6	1.9	2.0
24mm Infra 1800mm x 770mm	0.6	1.0	1.3	1.8	2.1	2.2
24mm Infra 780mm x 870mm	0.3	0.5	0.6	0.9	1.0	1.1
24mm Infra 1180mm x 870mm	0.4	0.8	1.0	1.3	1.6	1.6
24mm Infra 1400mm x 870mm	0.5	0.9	1.2	1.6	1.9	2.0
24mm Infra 1600mm x 870mm	0.6	1.0	1.3	1.8	2.2	2.2
24mm Infra 1800mm x 870mm	0.6	1.2	1.5	2.1	2.4	2.5

The graph represents the equivalent sound absorption area per object (A_{obj}) in the third octave band center frequencies in accordance with ISO 20189. Measurement used Pink Noise as excitation signal in a reverberant room.

Acoustic Test Results

	αw	SAA	NRC
24mm Freestanding Panel 1800x2400mm (Plain)[1]	0.55 (H)	0.57	0.55
24mm Freestanding Panel 1800x2400mm (Perforated pattern)[1]	0.45 (H)	0.47	0.45

1 - Measurement taken with the panel oriented vertically.

The NRC rating is calculated as the average of the absorption coefficients measured at frequencies of 250Hz, 500Hz, 1000Hz and 2000Hz and round to the nearest 0.05. SAA rating is calculated as the average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200Hz through 2500Hz and

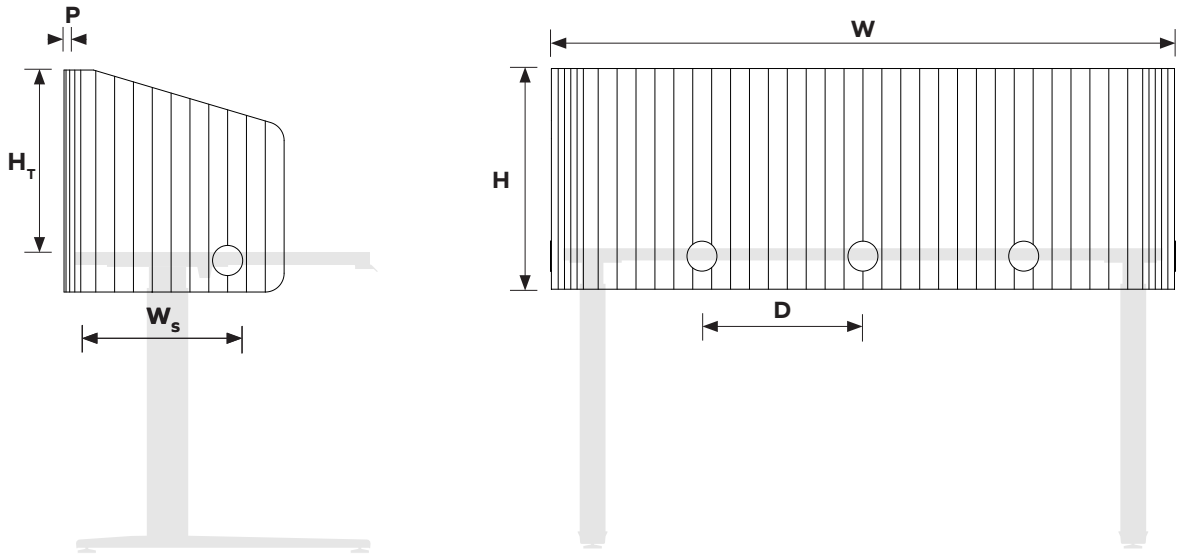
Note: Data presented applies to plain panels only. Acoustic performance for perforated panels is available upon request.

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Wrap
Geometry Information

Custom solutions available

Full Wrap Desk Division 745.12.10.000.00



Dimensions table[1]

W	Total width	1600 mm	62.99″
W_S	Width side panel	590 mm	23.23″
H	Total height	590 mm	23.23″
H_T	Height above table	480 mm	18.90″
P	Material thickness	12 mm	0.47″
D	Distance	430 mm	16.93″

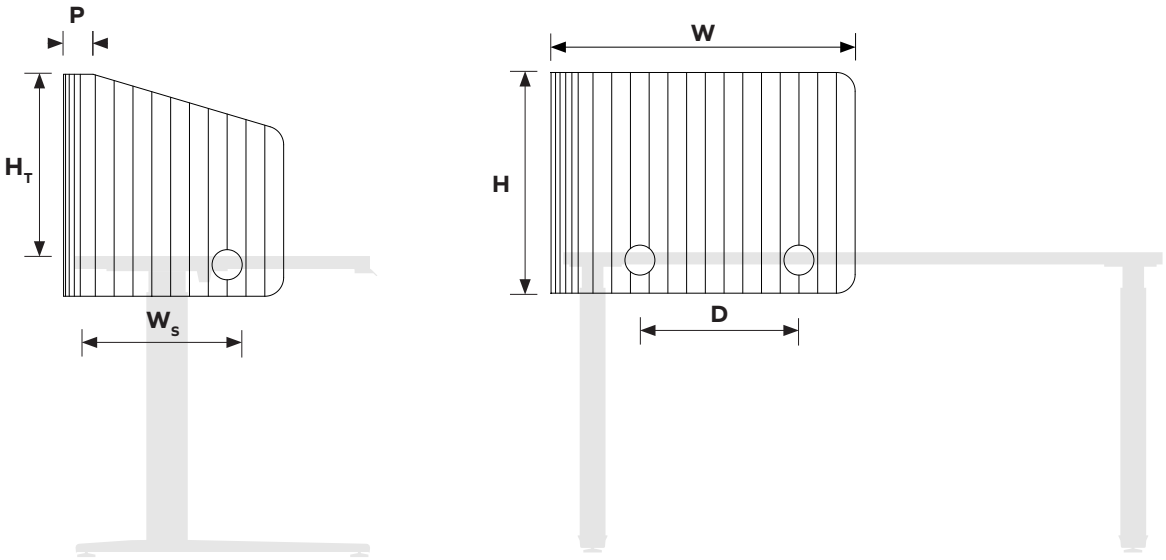
1 - all dimensions are nominal

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Wrap
Geometry Information

Custom solutions available

Left Wrap Desk Division 745.12.11.000.00



Dimensions table[1]

W	Total width	790 mm	31.10″
W_S	Width side panel	590 mm	23.23″
H	Total height	590 mm	23.23″
H_T	Height above table	480 mm	18.90″
P	Material thickness	12 mm	0.47″
D	Distance	430 mm	16.93″

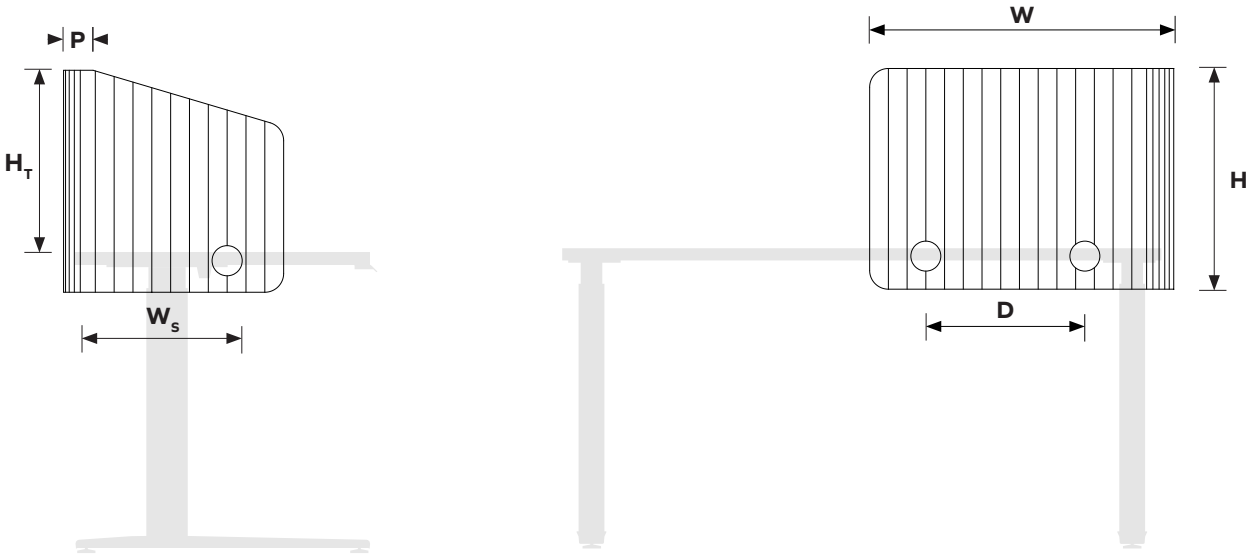
1 - all dimensions are nominal

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Wrap
Geometry Information

Custom solutions available

Right Wrap Desk Division 745.12.12.000.00



Dimensions table[1]

W	Total width	790 mm	31.10″
W_S	Width side panel	590 mm	23.23″
H	Total height	590 mm	23.23″
H_T	Height above table	480 mm	18.90″
P	Material thickness	12 mm	0.47″
D	Distance	430 mm	16.93″

1 - all dimensions are nominal

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Wrap
Acoustic Performance

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Germany

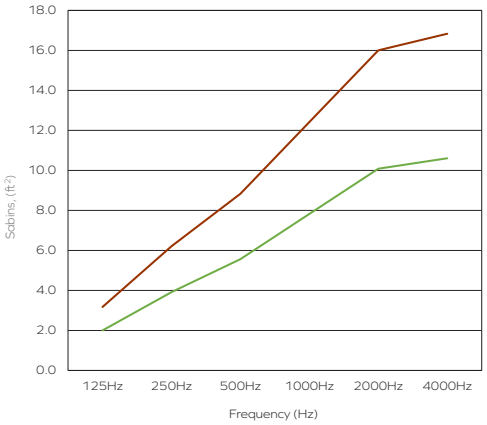
Testing Standards

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 Test Results	**αw**	**SAA**	**NRC**
12mm Freestanding Panel 1200x2800mm (Plain)[1]	0.4 (H)	0.39	0.40

1 - Measurement taken with the panel oriented vertically.

The NRC rating is calculated as the average of the absorption coefficients measured at frequencies of 250Hz, 500Hz, 1000Hz and 2000Hz and round to the nearest 0.05. SAA rating is calculated as the average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200Hz through 2500Hz and rounded off to the nearest 0.01.

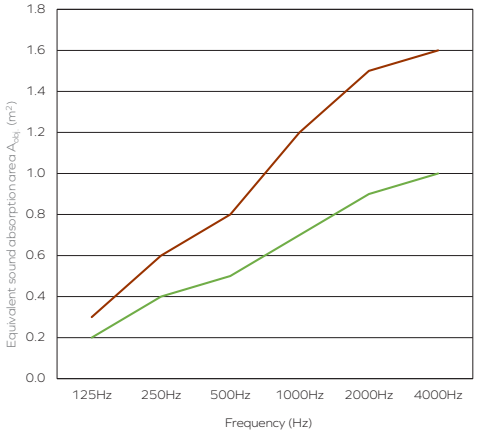


Acoustic Performance - ASTM Sabins , ft^2

Frequency (Hz)	125	250	500	1000	2000	4000
12mm Wrap (Full)	3.2	6.2	8.8	12.4	16.0	16.8
12mm Wrap (Right)	2.0	3.9	5.6	7.8	10.1	10.6
12mm Wrap (Left)	2.0	3.9	5.6	7.8	10.1	10.6

The graph represents the Sabins (ft^2) in the third octave band center frequencies in accordance with ASTM C423.

- 12mm Wrap (Full)
- 12mm Wrap (Right) and 12mm Wrap (Left)



Acoustic Performance - ISO A_{obj} , m^2

Frequency (Hz)	125	250	500	1000	2000	4000
12mm Wrap (Full)	0.3	0.6	0.8	1.2	1.5	1.6
12mm Wrap (Right)	0.2	0.4	0.5	0.7	0.9	1.0
12mm Wrap (Left)	0.2	0.4	0.5	0.7	0.9	1.0

The graph represents the equivalent sound absorption area per object (A_{obj}) in the third octave band center frequencies in accordance with ISO 20189. Measurement used Pink Noise as excitation signal in a reverberant room.

- 12mm Wrap (Full)
- 12mm Wrap (Right) and 12mm Wrap (Left)

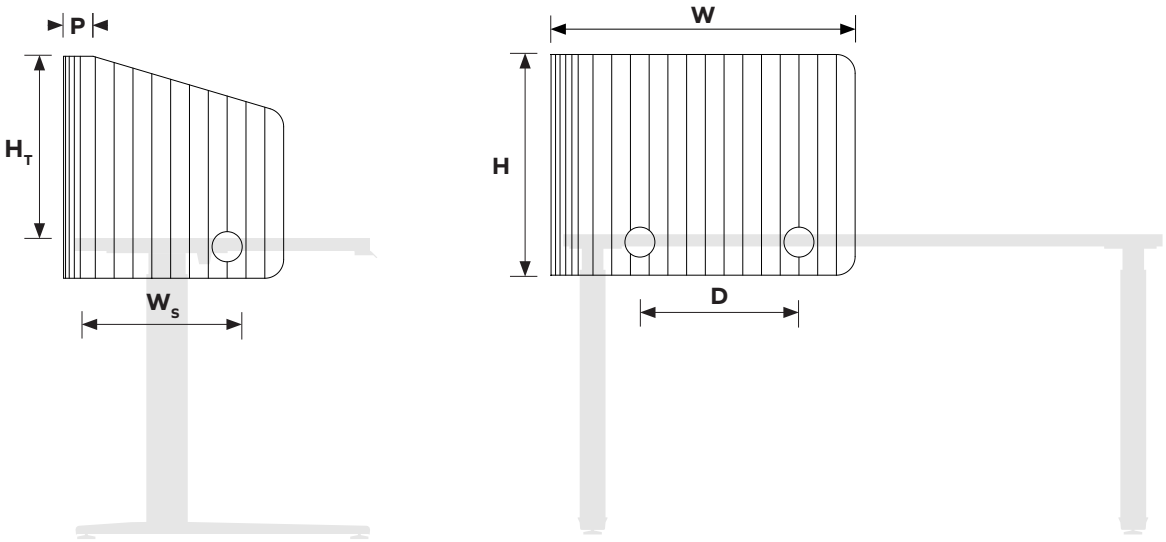
Note: Data presented applies to plain panels only. Acoustic performance for perforated panels is available upon request.

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Wrap Performance
Geometry Information

Custom solutions available

Left Wrap Performance Desk Division
745.24.80.000.00



Dimensions table[1]

W	Total width	790 mm	31.10″
W_S	Width side panel	790 mm	31.10″
H	Total height	590 mm	23.23″
H_T	Height above table	480 mm	18.90″
P	Material thickness	24 mm	0.94″
D	Distance	425 mm	16.73″

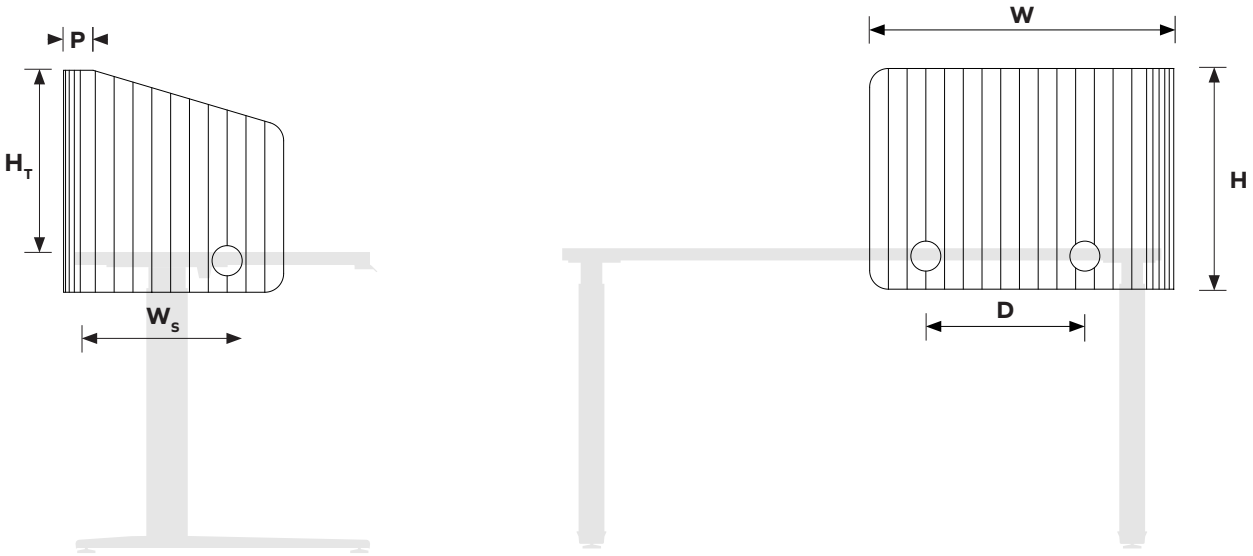
1 - all dimensions are nominal

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Wrap Performance
Geometry Information

Custom solutions available

Right Wrap Performance Desk Division
745.24.81.000.00



Dimensions table[1]

W	Total width	790 mm	31.10″
W_S	Width side panel	790 mm	31.10″
H	Total height	590 mm	23.23″
H_T	Height above table	480 mm	18.90″
P	Material thickness	24 mm	0.94″
D	Distance	425 mm	16.73″

1 - all dimensions are nominal

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Wrap Performance
Acoustic Performance

University of Stuttgart
Germany

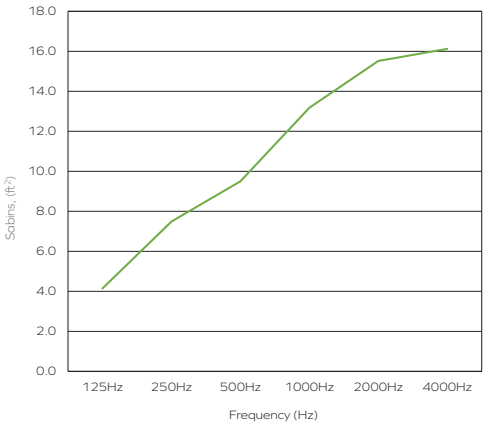
Testing Standards

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ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests

Acoustic Test Results	αw	SAA	NRC
24mm Freestanding Panel 1800x2400mm (Plain)[1]	0.55 (H)	0.57	0.55

1 - Measurement taken with the panel oriented vertically.

The NRC rating is calculated as the average of the absorption coefficients measured at frequencies of 250Hz, 500Hz, 1000Hz and 2000Hz and round to the nearest 0.05. SAA rating is calculated as the average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200Hz through 2500Hz and rounded off to the nearest 0.01.

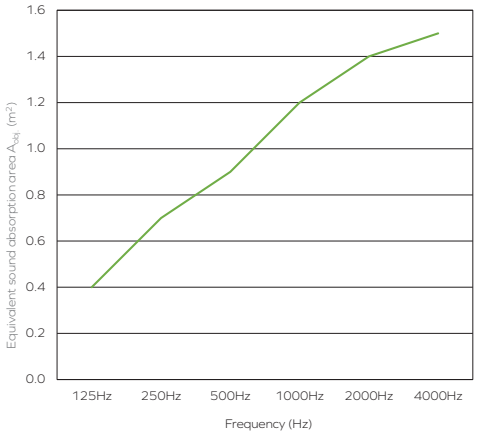


Acoustic Performance - ASTM Sabins , ft^2

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Wrap Performance(Right)	4.15	7.49	9.50	13.18	15.52	16.12
24mm Wrap Performance(Left)	4.15	7.49	9.50	13.18	15.52	16.12

The graph represents the Sabins (ft^2) in the third octave band center frequencies in accordance with ASTM C423.

● 24mm Wrap Performance(Right) and 24mm Wrap Performance(Left)



Acoustic Performance - ISO A_{obj} , m^2

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Wrap Performance(Right)	0.4	0.7	0.9	1.2	1.4	1.5
24mm Wrap Performance(Left)	0.4	0.7	0.9	1.2	1.4	1.5

The graph represents the equivalent sound absorption area per object (A_{obj}) in the third octave band center frequencies in accordance with ISO 20189. Measurement used Pink Noise as excitation signal in a reverberant room.

● 24mm Wrap Performance(Right) and 24mm Wrap Performance(Left)

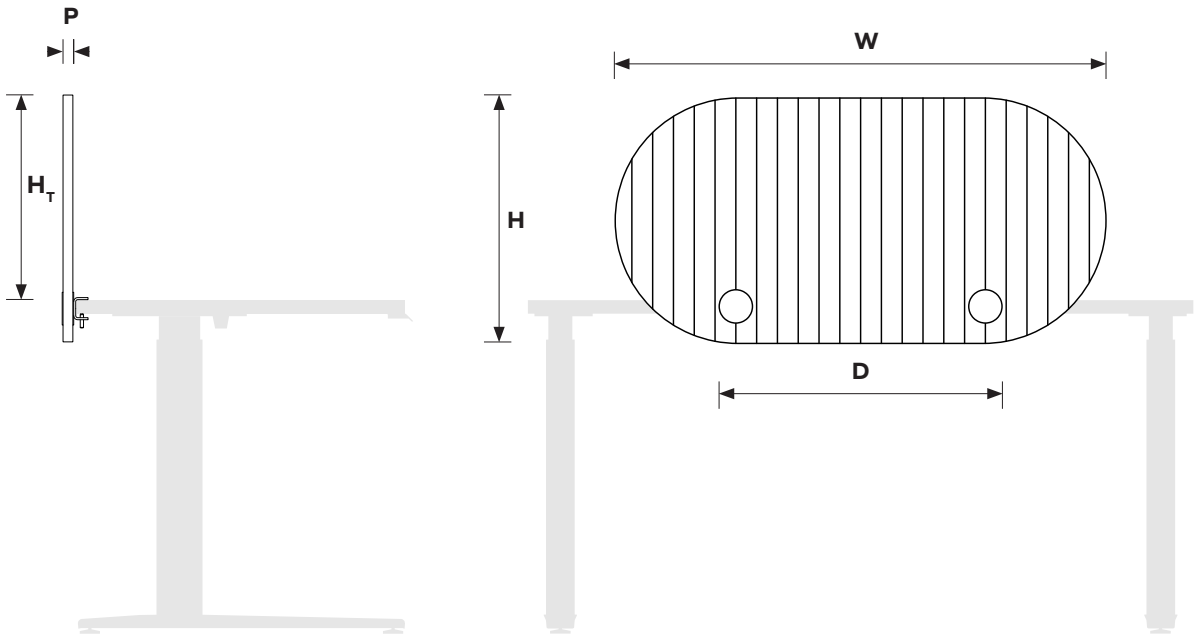
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Full Moon

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Geometry Information

Full Moon Desk Division 745.24.60.000.00



Dimensions table[1]

W	Total width	1180 mm	46.46″
H	Total height	590 mm	23.23″
H_T	Height above table	480 mm	18.90″
P	Material thickness	24 mm	0.94″
D	Distance	600 mm	23.62″

1 - all dimensions are nominal

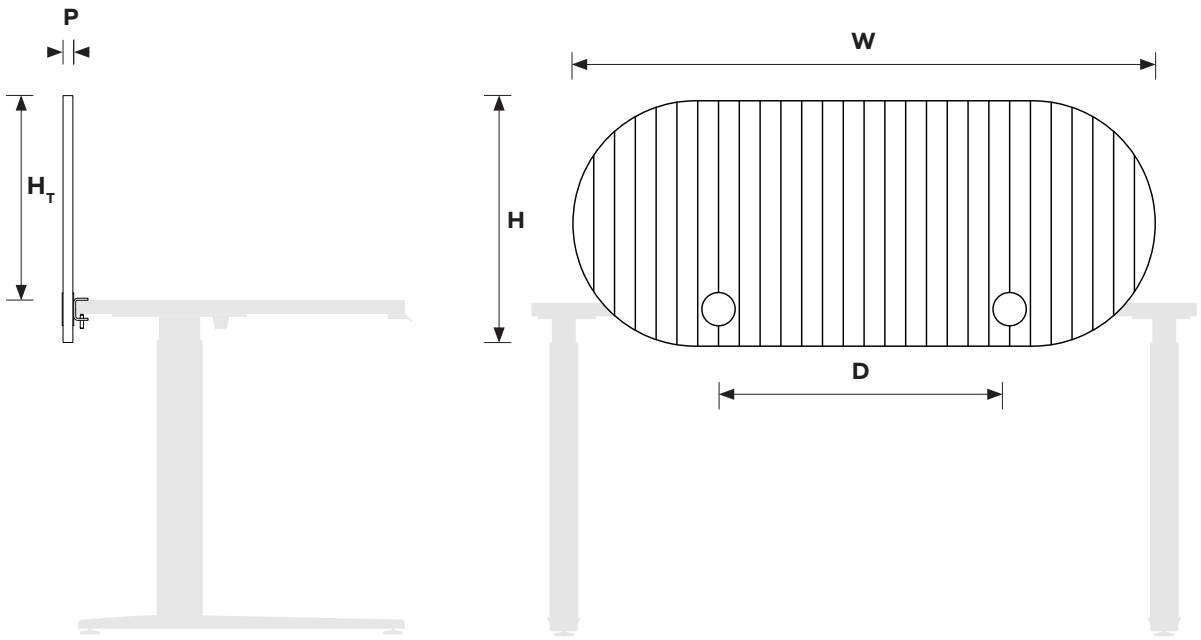
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Geometry Information

Full Moon Desk Division 745.24.61.000.00



Dimensions table[1]

W	Total width	1400 mm	55.12″
H	Total height	590 mm	23.23″
H_T	Height above table	480 mm	18.90″
P	Material thickness	24 mm	0.94″
D	Distance	700 mm	27.56″

1 - all dimensions are nominal

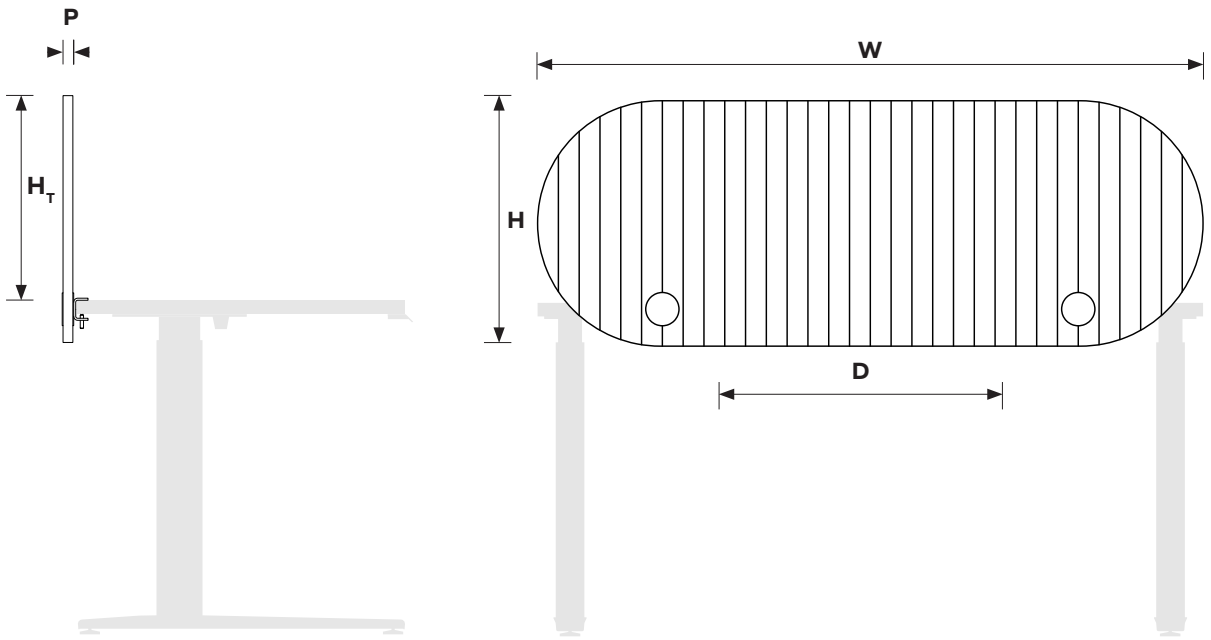
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Full Moon

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Geometry Information

Full Moon Desk Division 745.24.62.000.00



Dimensions table[1]

W	Total width	1600 mm	62.99″
H	Total height	590 mm	23.23″
H_T	Height above table	480 mm	18.90″
P	Material thickness	24 mm	0.94″
D	Distance	1000 mm	39.37″

1 - all dimensions are nominal

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Full Moon
Acoustic Performance

University of Stuttgart
Germany

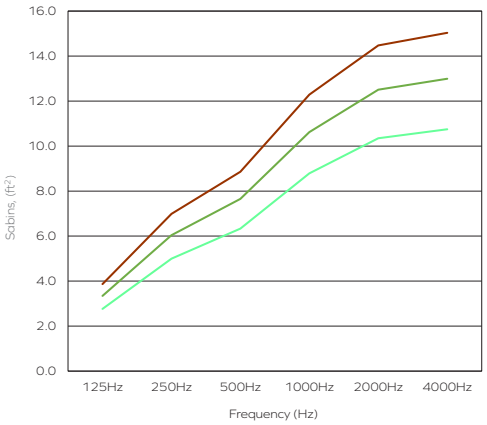
Testing Standards

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ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests

Acoustic Test Results	αw	SAA	NRC
24mm Freestanding Panel 1800x2400mm (Plain)[1]	0.55 (H)	0.57	0.55

1 - Measurement taken with the panel oriented vertically.

The NRC rating is calculated as the average of the absorption coefficients measured at frequencies of 250Hz, 500Hz, 1000Hz and 2000Hz and round to the nearest 0.05. SAA rating is calculated as the average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200Hz through 2500Hz and rounded off to the nearest 0.01.

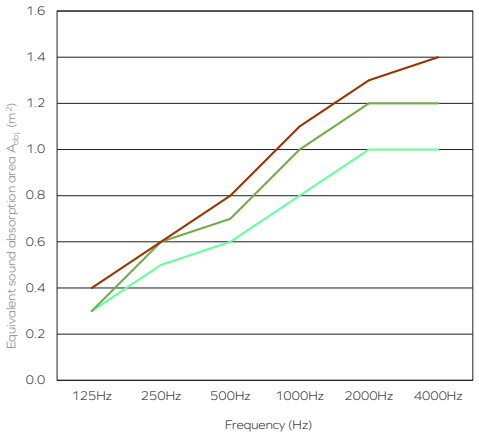


Acoustic Performance - ASTM Sabins , ft^2

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Full Moon 1180mm x 590mm	2.77	5.00	6.33	8.79	10.35	10.75
24mm Full Moon 1400mm x 590mm	3.34	6.04	7.66	10.62	12.51	12.99
24mm Full Moon 1600mm x 590mm	3.87	6.99	8.86	12.29	14.47	15.03

The graph represents the Sabins (ft^2) in the third octave band center frequencies in accordance with ASTM C423.

- 24mm Full Moon 1180mm x 590mm
- 24mm Full Moon 1400mm x 590mm
- 24mm Full Moon 1600mm x 590mm



Acoustic Performance - ISO A_{obj} , m^2

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Full Moon 1180mm x 590mm	0.3	0.5	0.6	0.8	1.0	1.0
24mm Full Moon 1400mm x 590mm	0.3	0.6	0.7	1.0	1.2	1.2
24mm Full Moon 1600mm x 590mm	0.4	0.6	0.8	1.1	1.3	1.4

The graph represents the equivalent sound absorption area per object (A_{obj}) in the third octave band center frequencies in accordance with ISO 20189. Measurement used Pink Noise as excitation signal in a reverberant room.

- 24mm Full Moon 1180mm x 590mm
- 24mm Full Moon 1400mm x 590mm
- 24mm Full Moon 1600mm x 590mm

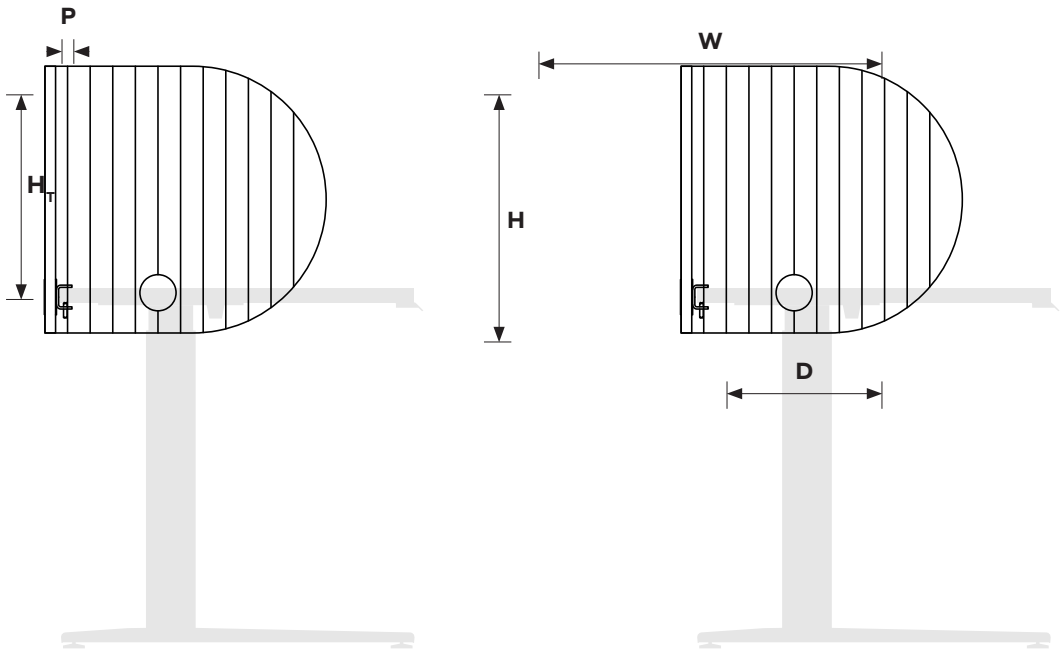
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(USA) usa@impactacoustic.com (+1) 619 378 2100
(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

Half Moon

Custom solutions available

Geometry Information

Half Moon Left Desk Division 745.24.70.000.00



Dimensions table[1]

W	Total width	790 mm	31.10 ″
H	Total height	590 mm	23.23 ″
H_T	Height above table	480 mm	18.90 ″
P	Material thickness	24 mm	0.94 ″

1 - all dimensions are nominal

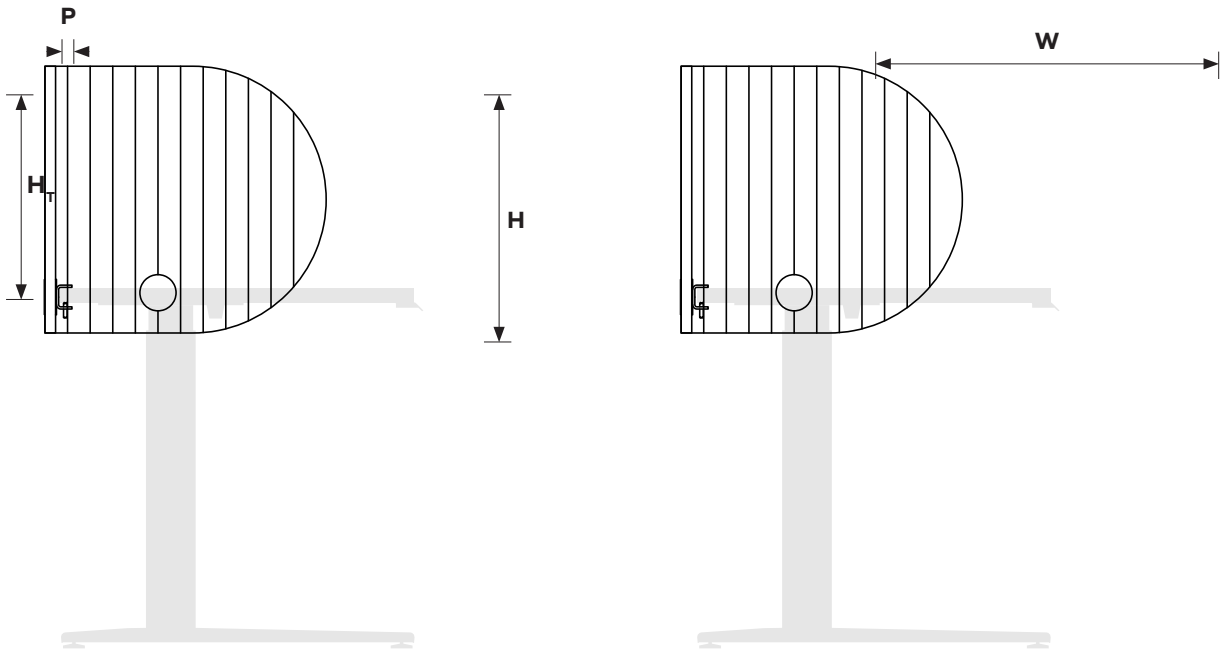
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Half Moon

Custom solutions available

Geometry Information

Half Moon Right Desk Division 745.24.71.000.00



Dimensions table[1]

W	Total width	790 mm	31.10 ″
H	Total height	590 mm	23.23 ″
H_T	Height above table	480 mm	18.90 ″
P	Material thickness	24 mm	0.94 ″

1 - all dimensions are nominal

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Halt Moon
Acoustic Performance

University of Stuttgart
Germany

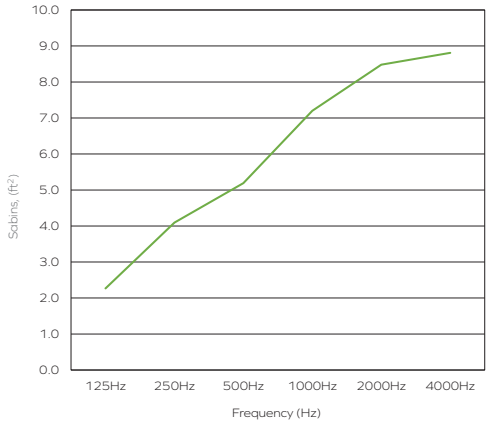
Testing Standards

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 Test Results	αw	SAA	NRC
24mm Freestanding Panel 1800x2400mm (Plain)[1]	0.55 (H)	0.57	0.55

1 - Measurement taken with the panel oriented vertically.

The NRC rating is calculated as the average of the absorption coefficients measured at frequencies of 250Hz, 500Hz, 1000Hz and 2000Hz and round to the nearest 0.05. SAA rating is calculated as the average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200Hz through 2500Hz and rounded off to the nearest 0.01.

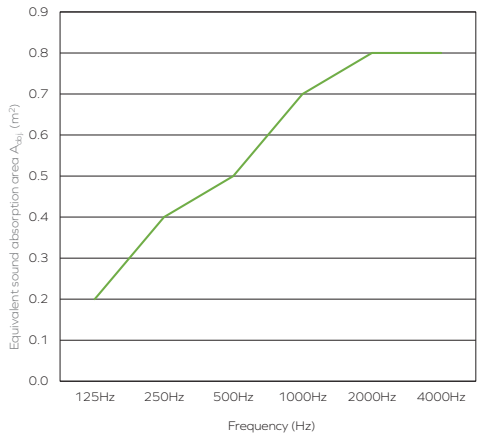


Acoustic Performance - ASTM Sabins , ft^2

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Half Moon(Right)	2.27	4.09	5.19	7.20	8.48	8.81
24mm Half Moon(Left)	2.27	4.09	5.19	7.20	8.48	8.81

The graph represents the Sabins (ft^2) in the third octave band center frequencies in accordance with ASTM C423.

● 24mm Half Moon(Right) and 24mm Half Moon(Left)



Acoustic Performance - ISO A_{obj} , m^2

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Half Moon(Right)	0.2	0.4	0.5	0.7	0.8	0.8
24mm Half Moon(Left)	0.2	0.4	0.5	0.7	0.8	0.8

The graph represents the equivalent sound absorption area per object (A_{obj}) in the third octave band center frequencies in accordance with ISO 20189. Measurement used Pink Noise as excitation signal in a reverberant room.

● 24mm Half Moon(Right) and 24mm Half Moon(Left)

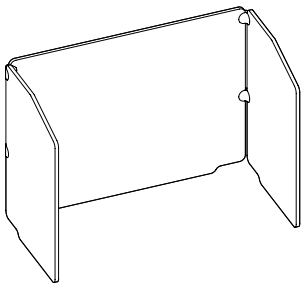
Murus

Available sets

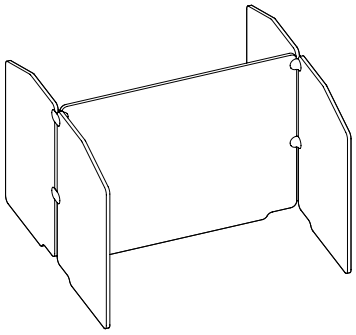
Custom solutions available

All sets are available in both 1180mm and 1420mm height.

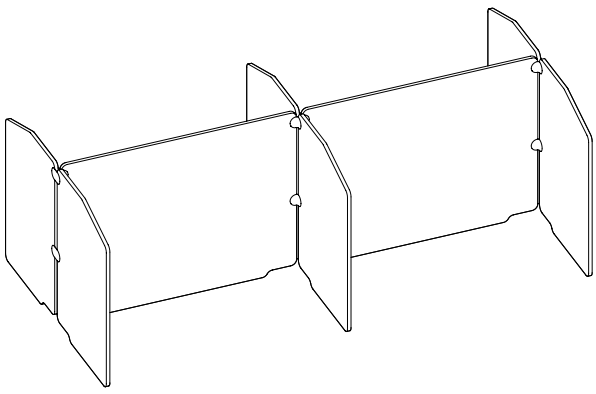
742.24.**10**.000.00 - Murus 1 desk set
H1180mm (H46.46")



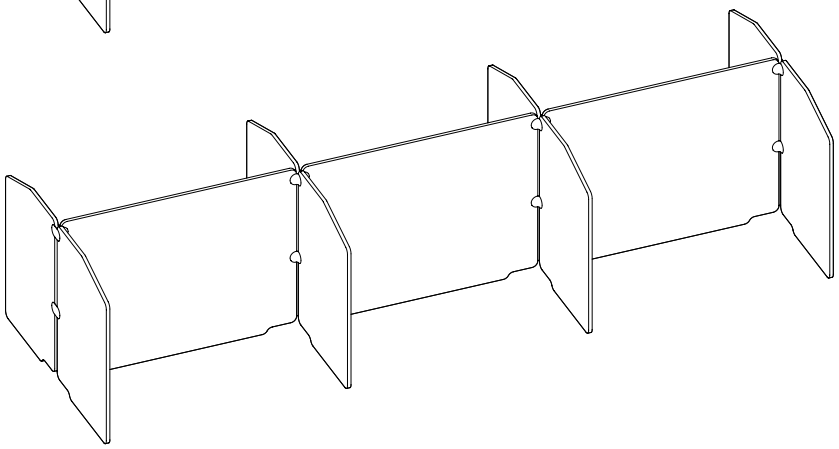
742.24.**11**.000.00 - Murus 2 desks set
H1180mm (H46.46")



742.24.**12**.000.00 - Murus 4 desks set
H1180mm (H46.46")



742.24.**13**.000.00 - Murus 6 desks set
H1180mm (H46.46")



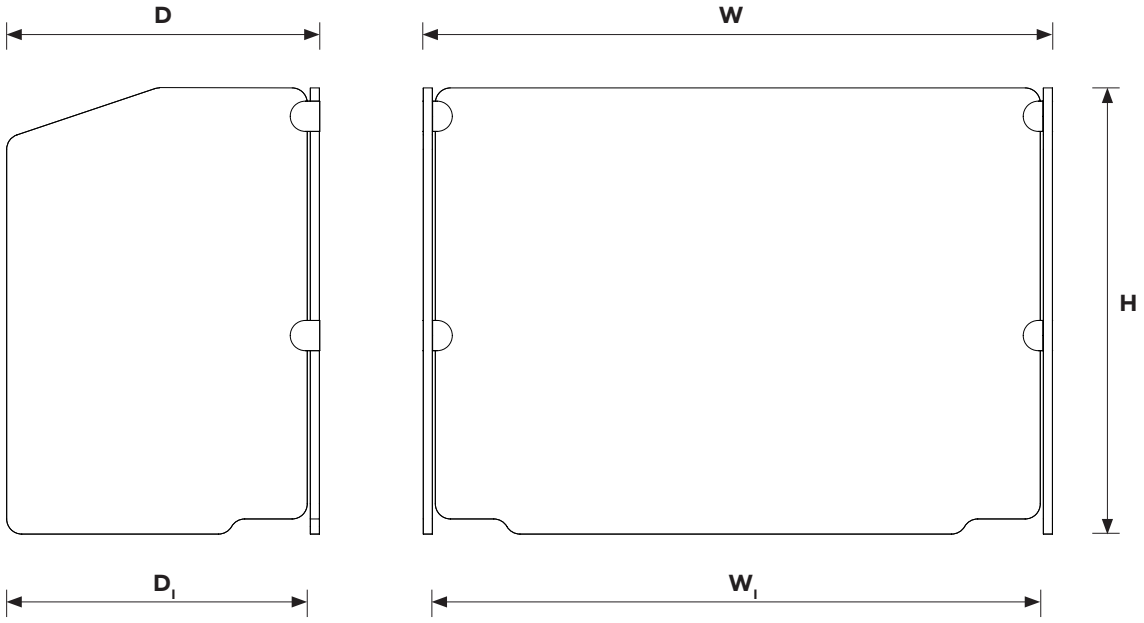
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Murus

Custom solutions available

Geometry Information

Murus Desk Division 742.24.10.000.00



Dimensions table[1]

W	Total width	1665 mm	65.55″
H	Total height	1180 mm	46.46″
W_I	Width internal	1600 mm	63.00″
D	Total depth	827 mm	0.94″
D_I	Depth internal	800 mm	5.9″

1 - all dimensions are nominal

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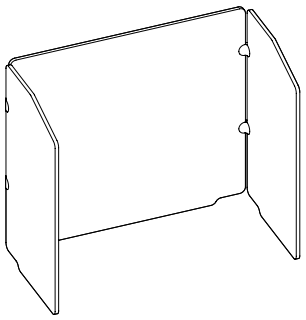
Murus

Available sets

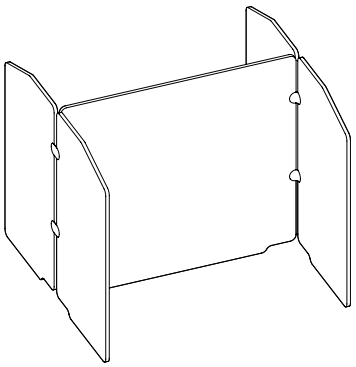
Custom solutions available

All sets are available in both 1180mm and 1420mm height.

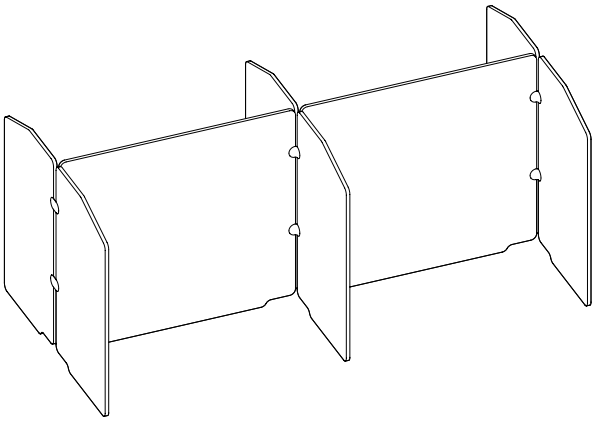
742.24.**20**.000.00 - Murus 1 desk set
H1420mm (H55.90")



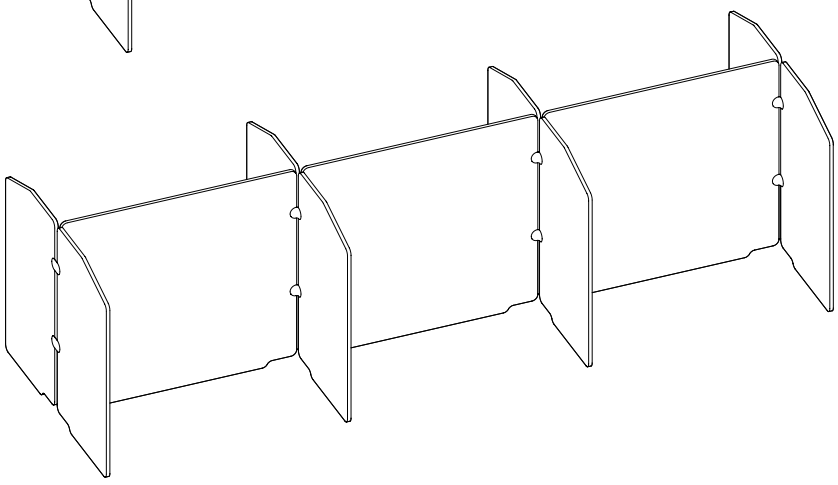
742.24.**21**.000.00 - Murus 2 desks set
H1420mm (H55.90")



742.24.**22**.000.00 - Murus 4 desks set
H1420mm (H55.90")



742.24.**23**.000.00 - Murus 6 desks set
H1420mm (H55.90")



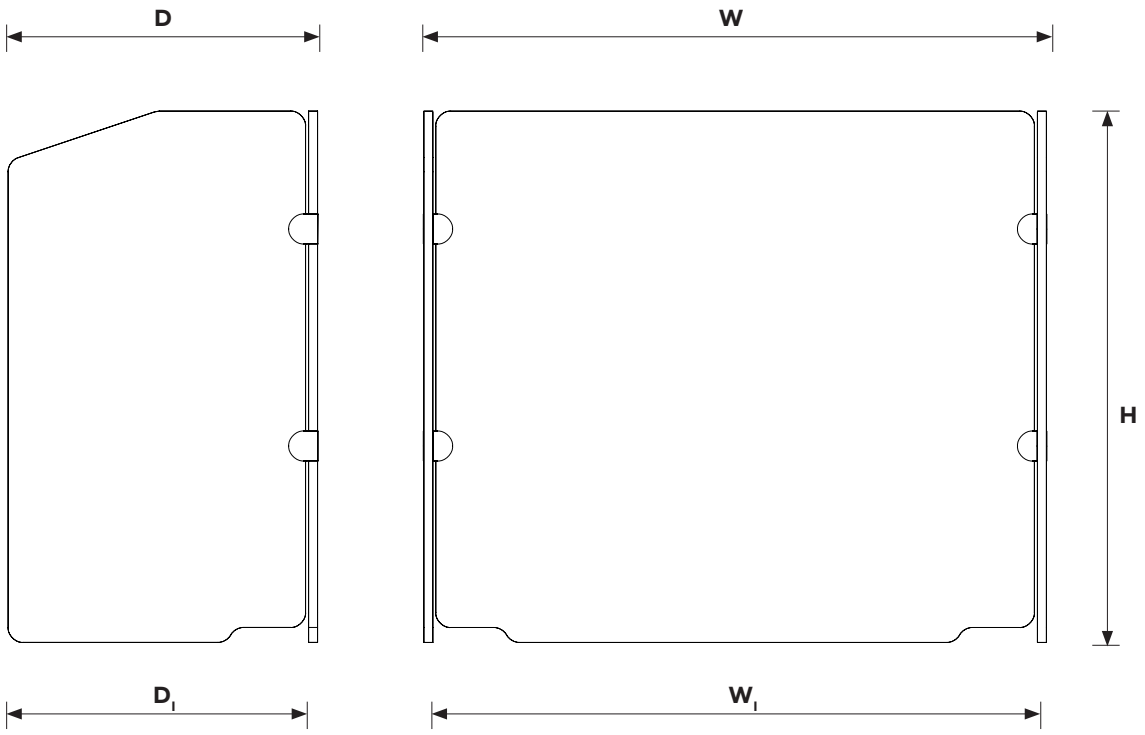
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(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

Murus

Custom solutions available

Geometry Information

Murus Desk Division 742.24.20.000.00



Dimensions table[1]

W	Total width	1665 mm	65.55″
H	Total height	1420 mm	55.90″
W_I	Width internal	1600 mm	63.00″
D	Total depth	827 mm	0.94″
D_I	Depth internal	800 mm	5.9″

1 - all dimensions are nominal

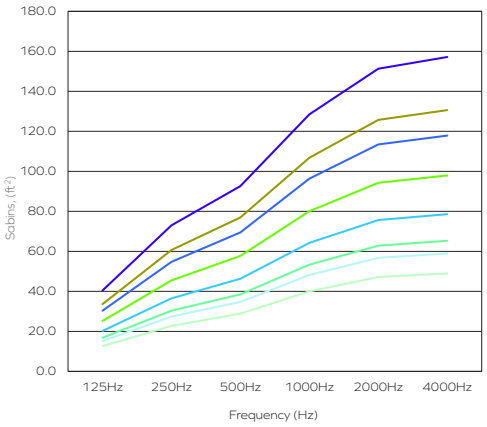
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(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

Murus
Acoustic Performance

University of Stuttgart
Germany

Testing Standards

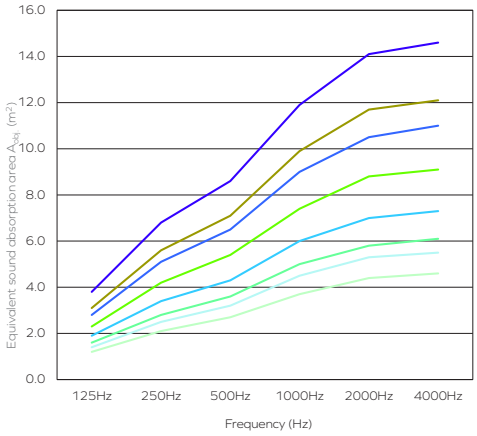
ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics — Sound absorbers for use in buildings — Rating of sound absorption
ISO 20189:2018	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound 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 Murus Set 800x1600x1180	12.60	22.76	28.86	40.03	47.15	48.98
24mm Murus Set 1600x1600x1180	16.80	30.35	38.48	53.38	62.86	65.30
24mm Murus Set 1600x3200x1180	25.20	45.52	57.72	80.07	94.30	97.95
24mm Murus Set 1600x4800x1180	33.60	60.70	76.95	106.76	125.73	130.60
24mm Murus Set 800x1600x1420	15.16	27.39	34.73	48.18	56.74	58.94
24mm Murus Set 1600x1600x1420	20.22	36.52	46.30	64.24	75.65	78.58
24mm Murus Set 1600x3200x1420	30.32	54.78	69.45	96.36	113.47	117.88
24mm Murus Set 1600x4800x1420	40.43	73.04	92.61	128.47	151.30	157.17

The graph represents the Sabins (ft^2) in the third octave band center frequencies in accordance with ASTM C423.



Acoustic Performance - ISO A_{obj} , m^2

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Murus Set 800x1600x1180	1.2	2.1	2.7	3.7	4.4	4.6
24mm Murus Set 1600x1600x1180	1.6	2.8	3.6	5.0	5.8	6.1
24mm Murus Set 1600x3200x1180	2.3	4.2	5.4	7.4	8.8	9.1
24mm Murus Set 1600x4800x1180	3.1	5.6	7.1	9.9	11.7	12.1
24mm Murus Set 800x1600x1420	1.4	2.5	3.2	4.5	5.3	5.5
24mm Murus Set 1600x1600x1420	1.9	3.4	4.3	6.0	7.0	7.3
24mm Murus Set 1600x3200x1420	2.8	5.1	6.5	9.0	10.5	11.0
24mm Murus Set 1600x4800x1420	3.8	6.8	8.6	11.9	14.1	14.6

The graph represents the equivalent sound absorption area per object (A_{obj}) in the third octave band center frequencies in accordance with ISO 20189. Measurement used Pink Noise as excitation signal in a reverberant room.

- 24mm Murus Set 800x1600x1180
- 24mm Murus Set 1600x1600x1180
- 24mm Murus Set 1600x3200x1180
- 24mm Murus Set 1600x4800x1180
- 24mm Murus Set 800x1600x1420
- 24mm Murus Set 1600x1600x1420
- 24mm Murus Set 1600x3200x1420
- 24mm Murus Set 1600x4800x1420

Acoustic Test Results

	αw	SAA	NRC
24mm Freestanding Panel 1800x2400mm (Plain)[1]	0.55 (H)	0.57	0.55

1 - Measurement taken with the panel oriented vertically.

The NRC rating is calculated as the average of the absorption coefficients measured at frequencies of 250Hz, 500Hz, 1000Hz and 2000Hz and round to the nearest 0.05. SAA rating is calculated as the average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200Hz through 2500Hz and rounded off to the nearest 0.01.

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ARCHISONIC®
Colours

Material brochure available

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[S]	Jute	Fallow[S]	Warm Stone	Truffle[S]	Sunshine	Honeycomb	Electric Orange
Code	**107**	**104**	**920**	**238**	**105**	**539**	**846**	**139**	**464**
NCS	S 1505-Y30R	S 2005-Y	S 3010-Y30R	S 5010-Y30R	S 3010-Y50R	S 8502-R	S 1040-Y10R	S 2050-Y20R	S 0580-Y70R

Name	Terracotta	Soft Coral	Cinnabar[S]	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 6030-R	S 0510-R30B	S 5040-R10B	S 1080-R	S 2060-R20B	S 5040-R40B	S 4050-R70B

Name	Midnight	Royal Blue[S]	Winter Sky	Deep Sea	Nocturne[S]	True Navy	Ice Blue	Pacific Ocean	Lagoon[S]
Code	**810**	**865**	**410**	**918**	**866**	**194**	**304**	**432**	**917**
NCS	S 7020-R70B	S 3560-R80B	S 2020-R90 B	S 5020-R90B	S 8010-R90B	S 8005-B	S 0510-B	S 3040-B	S 7020-B30G

Name	Succulent	Spearmint	Seafoam[S]	Nordic Pine	Moss	Grove	Pistachio[S]	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 5020-Y	S 4005-Y	S 6010-G90Y

These NCS codes are the closest visual match available and may not be exact to blended fibres.
S - Solid Colours, additional charge might apply.

ARCHISONIC®

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 to create harmonious palettes that 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)	
Thickness[1]	12mm (0.47")	24mm (0.94")
Max. Size	1200x2800mm (47"x110")	1800x2400mm (70"x94")
Acoustic[2]	**ASTM:** NRC=0.6 **ISO**: αw=0.65	**ASTM**: NRC=0.9 **ISO**: αw=0.95
Density[1]	2400 g/m² (0.49 lbs/ sqft)	4000 g/m² (0.82 lbs/sqft)
Colour Fastness	**Class 6** ISO 105-B02:A1	
Colours and finishes	**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.	
Lead time[3]	21 days	
Fire Rating[4]	DIN EN 13501-1: **B-s1, d0**	ASTM E84 **Class A**
VOC Emission	**Indoor Air Comfort® GOLD** Compliance with leading international indoor air quality standards and sustainable building schemes across Europe and North America, including LEED, WELL, BREEAM, M1, AgBB, EMICODE, EU Taxonomy and REACH requirements. Additional documentation available upon request.	
Thermal Conductivity[5]	12 mm: 0.039 W/m·K 24 mm: 0.037 W/m·K	
Thermal Resistance[5]	12 mm: 0.30 m²K/W 24 mm: 0.65 m²K/W	
Certifications	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climate-KIC, 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
4 - the following colours carry a B-S2 fire certificate rating: Hot Pink 140 12mm, Lichen 160 12mm, True Navy 194 24mm, Pacific Ocean 432 24mm, Pacific Ocean 432 12mm, Electric Orange 464 24mm, Soft Coral 516 24mm, Raven 550 24mm, Raven 550 12mm, Poster Red 662 12mm, Garnet 724 12mm, Midnight 810 24mm, Marine Blue 864 24mm
5 - values based on third-party testing according to ASTM C518.

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

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Desk Division
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

Datasheets and Installation Guide

Colour families

Instruction videos

Associated products specifications

Ordering Process

Our experienced team of Project Consultants will guide and support you throughout the order process. We fulfil the majority of our orders in as little as 21 days[1] from your first point of contact, allowing you to focus on what truly matters to you.

Contact our consultant

Quote[1] 48 h

Order Confirmation

Production[1] 2 - 3 weeks

Dispatch

Transit location based

Delivery

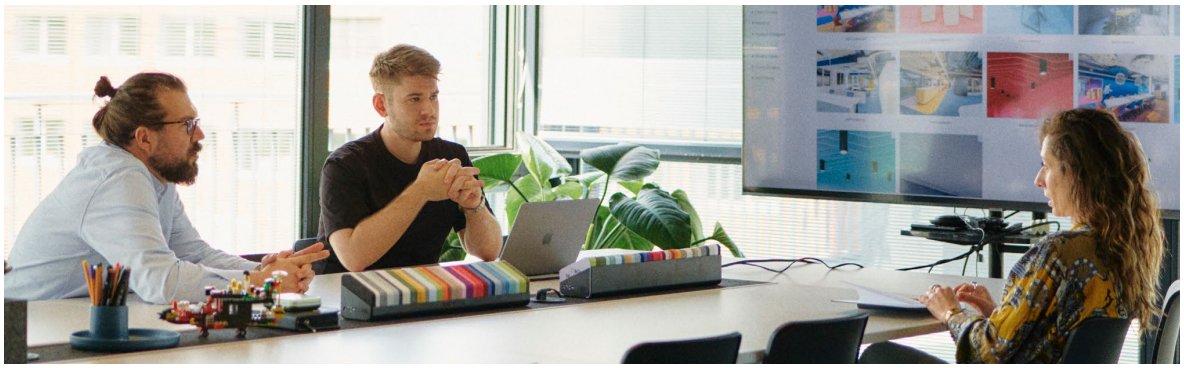
Contact Us

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

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connect@impactacoustic.com

Online form



1 - Quote and Production times may vary.

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