

Desk Division Ready-made

| | | | | |
|------------------|------------------|------------------|------------------|------------------|
| 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 |
| 742.24.12.000.00 | 745.24.13.000.10 | 745.24.23.000.12 | 745.24.34.000.00 | 745.24.43.000.11 |
| 742.24.13.000.00 | 745.24.13.000.11 | 745.24.23.000.13 | 745.24.34.000.10 | 745.24.43.000.12 |
| 742.24.20.000.00 | 745.24.13.000.12 | 745.24.30.000.00 | 745.24.34.000.11 | 745.24.43.000.13 |
| 742.24.21.000.00 | 745.24.13.000.13 | 745.24.30.000.10 | 745.24.34.000.12 | 745.24.44.000.00 |
| 742.24.22.000.00 | 745.24.20.000.00 | 745.24.30.000.11 | 745.24.34.000.13 | 745.24.44.000.10 |
| 742.24.23.000.00 | 745.24.20.000.10 | 745.24.30.000.12 | 745.24.40.000.00 | 745.24.44.000.11 |
| 745.24.10.000.00 | 745.24.20.000.11 | 745.24.30.000.13 | 745.24.40.000.10 | 745.24.44.000.12 |
| 745.24.10.000.10 | 745.24.20.000.12 | 745.24.31.000.00 | 745.24.40.000.11 | 745.24.44.000.13 |
| 745.24.10.000.11 | 745.24.20.000.13 | 745.24.31.000.10 | 745.24.40.000.12 | 745.12.10.000.00 |
| 745.24.10.000.12 | 745.24.21.000.00 | 745.24.31.000.11 | 745.24.40.000.13 | 745.12.11.000.00 |
| 745.24.10.000.13 | 745.24.21.000.10 | 745.24.31.000.12 | 745.24.41.000.00 | 745.12.12.000.00 |
| 745.24.11.000.00 | 745.24.21.000.11 | 745.24.31.000.13 | 745.24.41.000.10 | 745.24.80.000.00 |
| 745.24.11.000.10 | 745.24.21.000.12 | 745.24.32.000.00 | 745.24.41.000.11 | 745.24.81.000.00 |
| 745.24.11.000.11 | 745.24.21.000.13 | 745.24.32.000.10 | 745.24.41.000.12 | 745.24.60.000.00 |
| 745.24.11.000.12 | 745.24.22.000.00 | 745.24.32.000.11 | 745.24.41.000.13 | 745.24.61.000.00 |
| 745.24.11.000.13 | 745.24.22.000.10 | 745.24.32.000.12 | 745.24.42.000.00 | 745.24.62.000.00 |
| 745.24.12.000.00 | 745.24.22.000.11 | 745.24.32.000.13 | 745.24.42.000.10 | 745.24.70.000.00 |
| 745.24.12.000.10 | 745.24.22.000.12 | 745.24.33.000.00 | 745.24.42.000.11 | 745.24.71.000.00 |
| 745.24.12.000.11 | 745.24.22.000.13 | 745.24.33.000.10 | 745.24.42.000.12 | |
| 745.24.12.000.12 | 745.24.23.000.00 | 745.24.33.000.11 | 745.24.42.000.13 | |

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 |
| 742.24.12.000.00 | 745.24.13.000.10 | 745.24.23.000.12 | 745.24.34.000.00 | 745.24.43.000.11 |
| 742.24.13.000.00 | 745.24.13.000.11 | 745.24.23.000.13 | 745.24.34.000.10 | 745.24.43.000.12 |
| 742.24.20.000.00 | 745.24.13.000.12 | 745.24.30.000.00 | 745.24.34.000.11 | 745.24.43.000.13 |
| 742.24.21.000.00 | 745.24.13.000.13 | 745.24.30.000.10 | 745.24.34.000.12 | 745.24.44.000.00 |
| 742.24.22.000.00 | 745.24.20.000.00 | 745.24.30.000.11 | 745.24.34.000.13 | 745.24.44.000.10 |
| 742.24.23.000.00 | 745.24.20.000.10 | 745.24.30.000.12 | 745.24.40.000.00 | 745.24.44.000.11 |
| 745.24.10.000.00 | 745.24.20.000.11 | 745.24.30.000.13 | 745.24.40.000.10 | 745.24.44.000.12 |
| 745.24.10.000.10 | 745.24.20.000.12 | 745.24.31.000.00 | 745.24.40.000.11 | 745.24.44.000.13 |
| 745.24.10.000.11 | 745.24.20.000.13 | 745.24.31.000.10 | 745.24.40.000.12 | 745.12.10.000.00 |
| 745.24.10.000.12 | 745.24.21.000.00 | 745.24.31.000.11 | 745.24.40.000.13 | 745.12.11.000.00 |
| 745.24.10.000.13 | 745.24.21.000.10 | 745.24.31.000.12 | 745.24.41.000.00 | 745.12.12.000.00 |
| 745.24.11.000.00 | 745.24.21.000.11 | 745.24.31.000.13 | 745.24.41.000.10 | 745.24.80.000.00 |
| 745.24.11.000.10 | 745.24.21.000.12 | 745.24.32.000.00 | 745.24.41.000.11 | 745.24.81.000.00 |
| 745.24.11.000.11 | 745.24.21.000.13 | 745.24.32.000.10 | 745.24.41.000.12 | 745.24.60.000.00 |
| 745.24.11.000.12 | 745.24.22.000.00 | 745.24.32.000.11 | 745.24.41.000.13 | 745.24.61.000.00 |
| 745.24.11.000.13 | 745.24.22.000.10 | 745.24.32.000.12 | 745.24.42.000.00 | 745.24.62.000.00 |
| 745.24.12.000.00 | 745.24.22.000.11 | 745.24.32.000.13 | 745.24.42.000.10 | 745.24.70.000.00 |
| 745.24.12.000.10 | 745.24.22.000.12 | 745.24.33.000.00 | 745.24.42.000.11 | 745.24.71.000.00 |
| 745.24.12.000.11 | 745.24.22.000.13 | 745.24.33.000.10 | 745.24.42.000.12 | |
| 745.24.12.000.12 | 745.24.23.000.00 | 745.24.33.000.11 | 745.24.42.000.13 | |

Dimensions¹

| | | |
|-----------------|---------|--------|
| 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 32 colours |
| Adapter | Steel (powder coated black) |



Extended document available

Weight²

| | | |
|-----------|---------------|---------------------|
| PET Panel | 4kg/m2 (±10%) | 0.82 lbs/ft2 (±10%) |
| Adapter | 0.32 g | 705 lbs |

Included

Acoustic panels



Adapter



Assembly guide



Warranty 10 years³



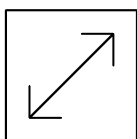
1 - all dimensions are nominal 2 - all weight values are nominal 3 - Impact Acoustic warranty terms apply

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.

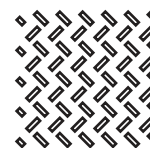
1 Specify your product:



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

Available sizes



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")



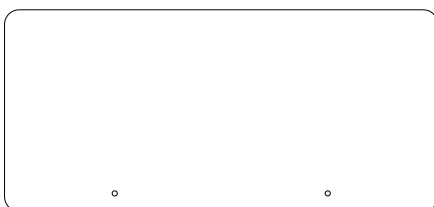
745.24.**13**.000.XX - Supra Desk Division
1800x450
(70.87"x17.72")



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")



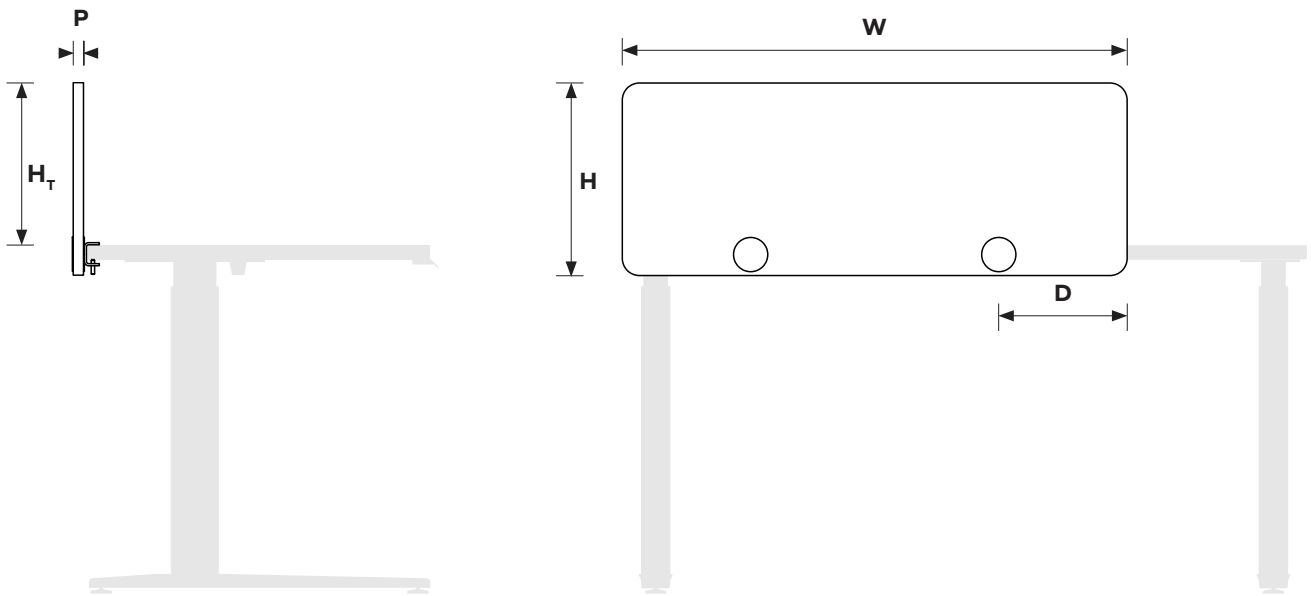
745.24.**22**.000.XX - Supra Desk Division
1600x550
(62.99"x21.65")



745.24.**21**.000.XX - Supra Desk Division
1400x550
(55.12"x21.65")

Geometry Information

Supra Desk Division 745.24.10.000.00



Dimensions table¹

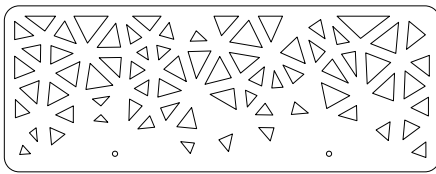
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1180 mm | 70.87" |
| H | Total height | 450 mm | 17.72" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.81" |

¹ - all dimensions are nominal

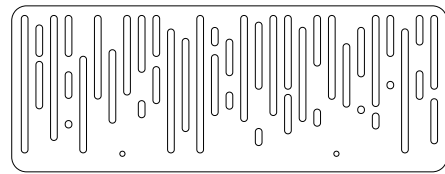
Available perforations

Please note that all patterns are available in eight sizes.

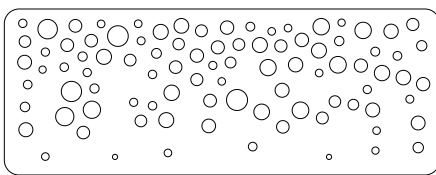
Supra Desk Division 745.24.10.000.00



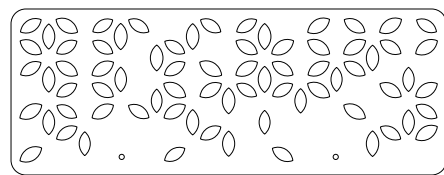
745.24.10.000.10 - Supra Desk Division Web



745.24.10.000.11 - Supra Desk Division Matrix



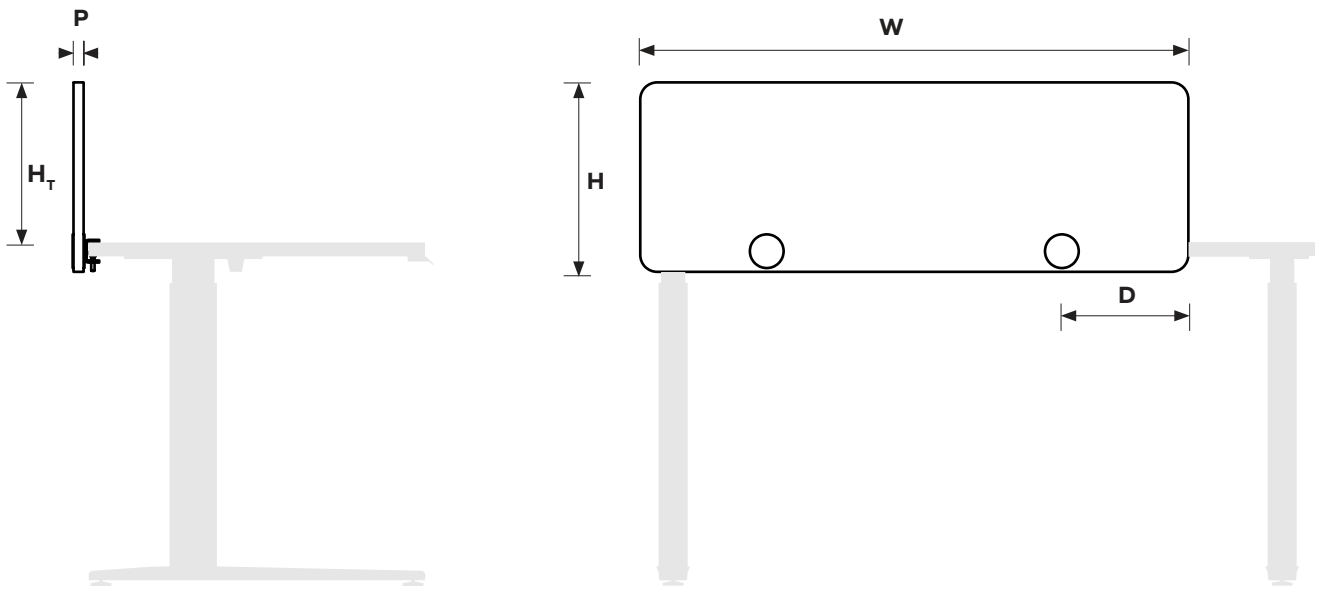
745.24.10.000.12 - Supra Desk Division Bubbles



745.24.10.000.13 - Supra Desk Division Crose

Geometry Information

Supra Desk Division 745.24.11.000.00



Dimensions table¹

| | | | |
|----------------------|--------------------|---------|--------|
| 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

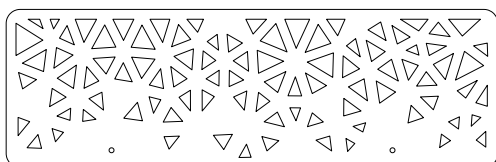
Desk Division

Custom solutions available

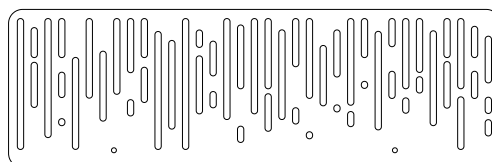
Available perforations

Please note that all patterns are available in eight sizes.

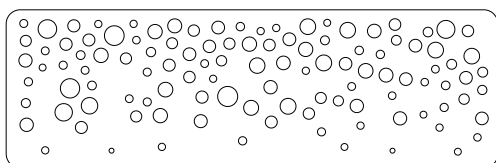
Supra Desk Division 745.24.11.000.00



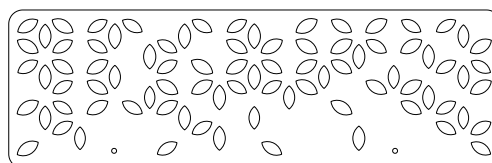
745.24.11.000.10 - Supra Desk Division Web



745.24.11.000.11 - Supra Desk Division Matrix



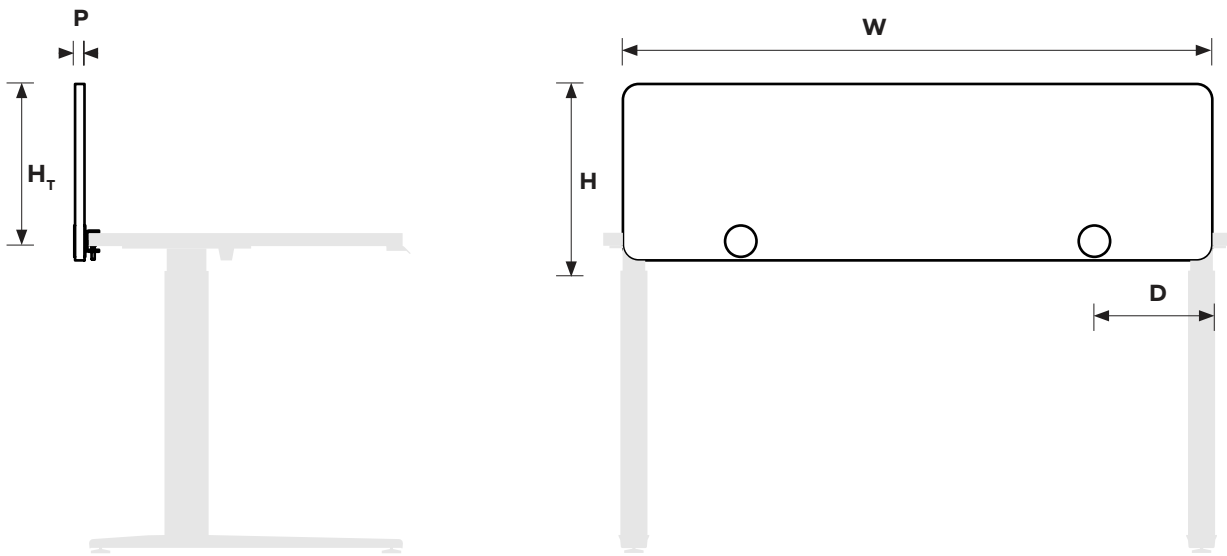
745.24.11.000.12 - Supra Desk Division Bubbles



745.24.11.000.13 - Supra Desk Division Crose

Geometry Information

Supra Desk Division 745.24.12.000.00



Dimensions table¹

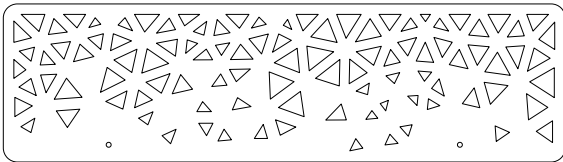
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1600 mm | 63.00" |
| H | Total height | 450 mm | 17.72" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.81" |

¹ - all dimensions are nominal

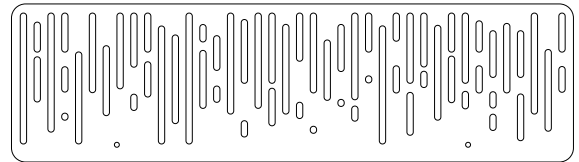
Available perforations

Please note that all patterns are available in eight sizes.

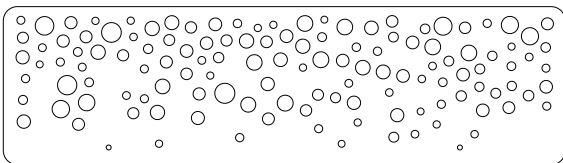
Supra Desk Division 745.24.12.000.00



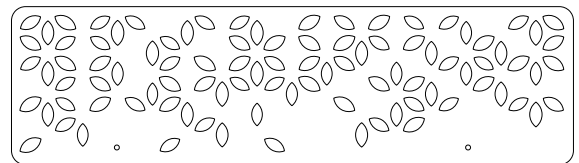
745.24.12.000.10 - Supra Desk Division Web



745.24.12.000.11 - Supra Desk Division Matrix



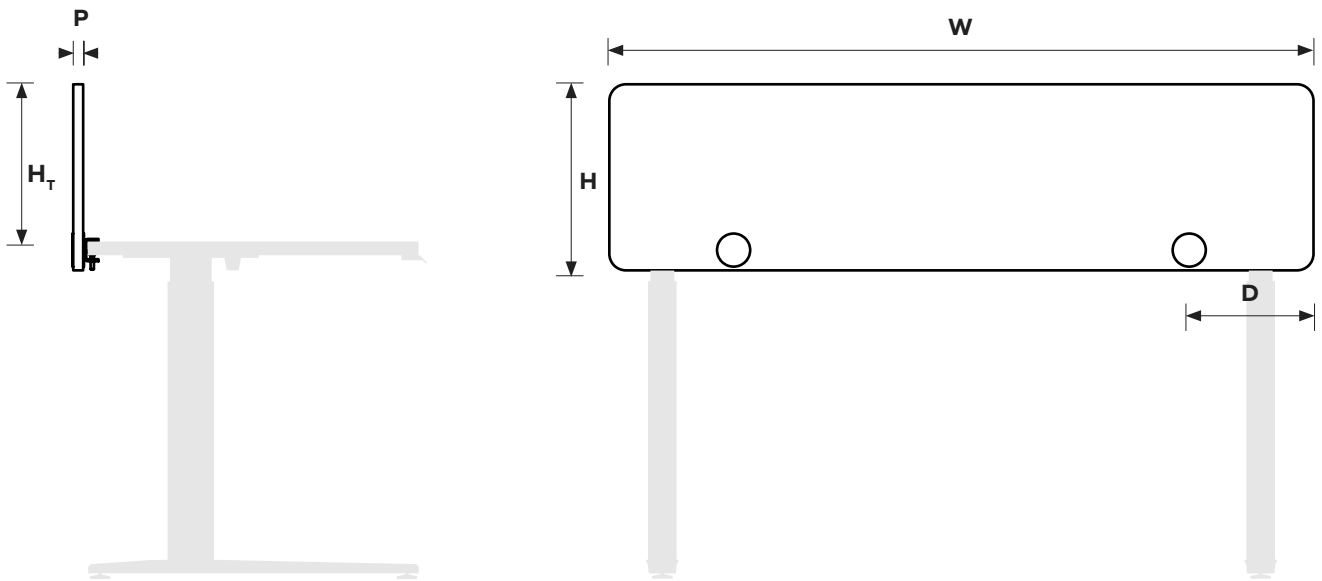
745.24.12.000.12 - Supra Desk Division Bubbles



745.24.12.000.13 - Supra Desk Division Croce

Geometry Information

Supra Desk Division 745.24.13.000.00



Dimensions table¹

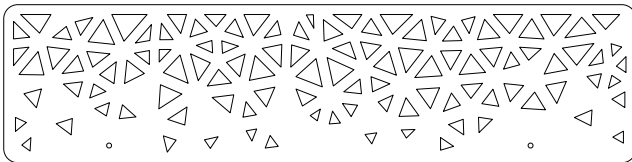
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1800 mm | 70.87" |
| H | Total height | 450 mm | 17.72" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.81" |

¹ - all dimensions are nominal

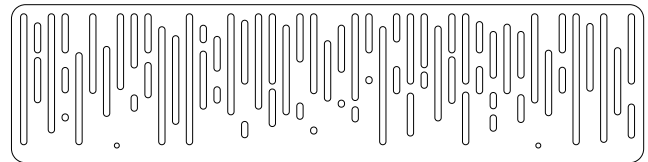
Available perforations

Please note that all patterns are available in eight sizes.

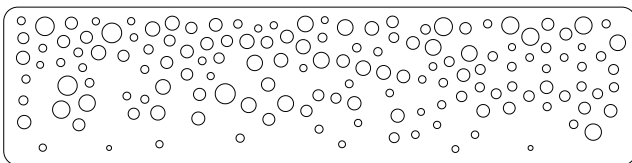
Supra Desk Division 745.24.13.000.00



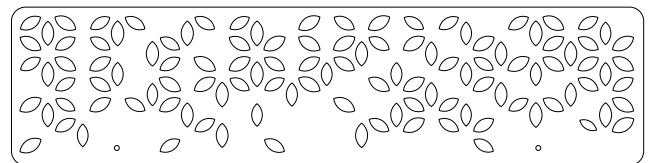
745.24.13.000.10 - Supra Desk Division Web



745.24.13.000.11 - Supra Desk Division Matrix



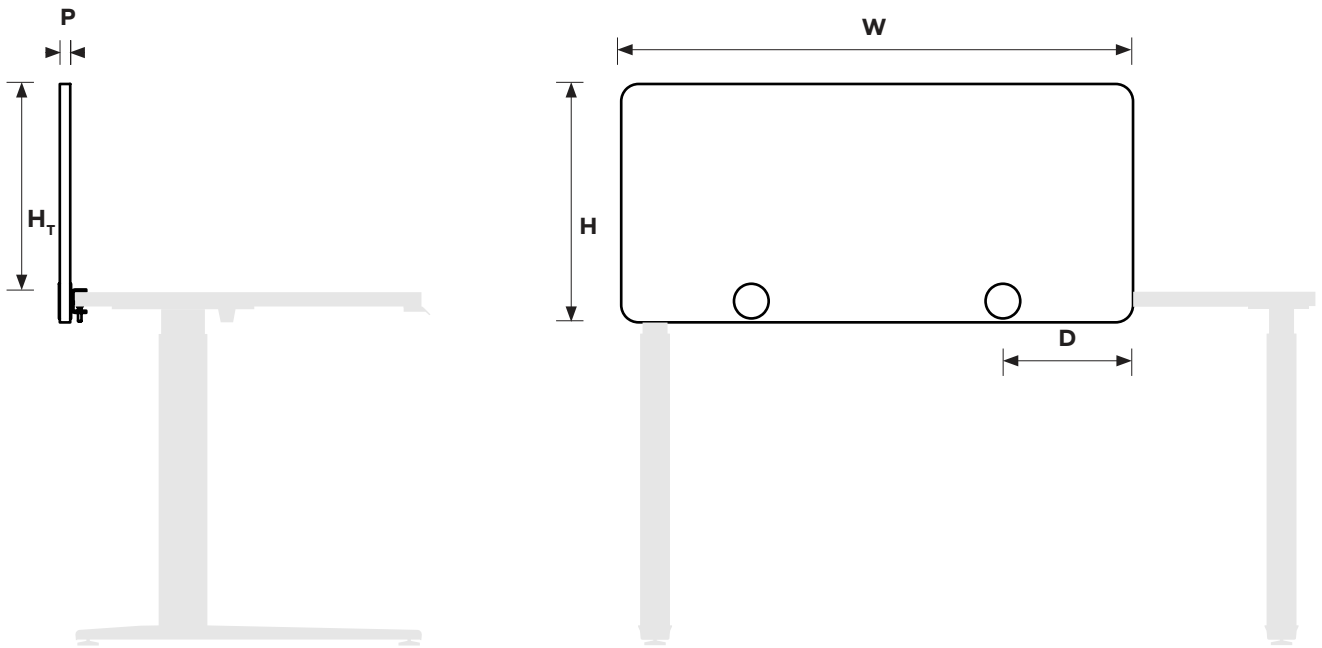
745.24.13.000.12 - Supra Desk Division Bubbles



745.24.13.000.13 - Supra Desk Division Crose

Geometry Information

Supra Desk Division 745.24.20.000.00



Dimensions table¹

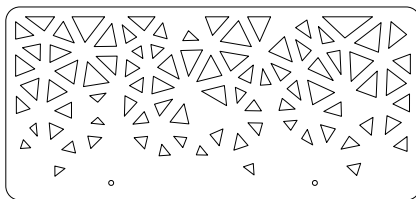
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1180 mm | 46.46" |
| H | Total height | 550 mm | 21.65" |
| H_T | Height above table | 480 mm | 18.90" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.81" |

¹ - all dimensions are nominal

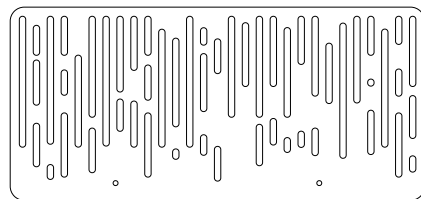
Available perforations

Please note that all patterns are available in eight sizes.

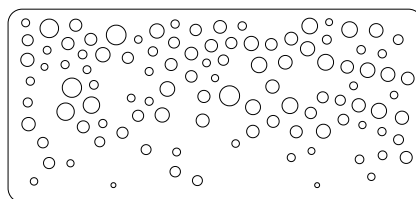
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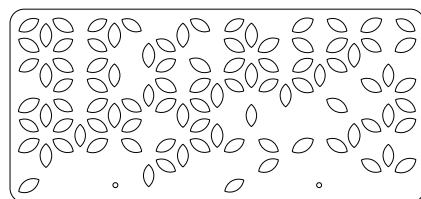
745.24.20.000.10 - Supra Desk Division Web



745.24.20.000.11 - Supra Desk Division Matrix

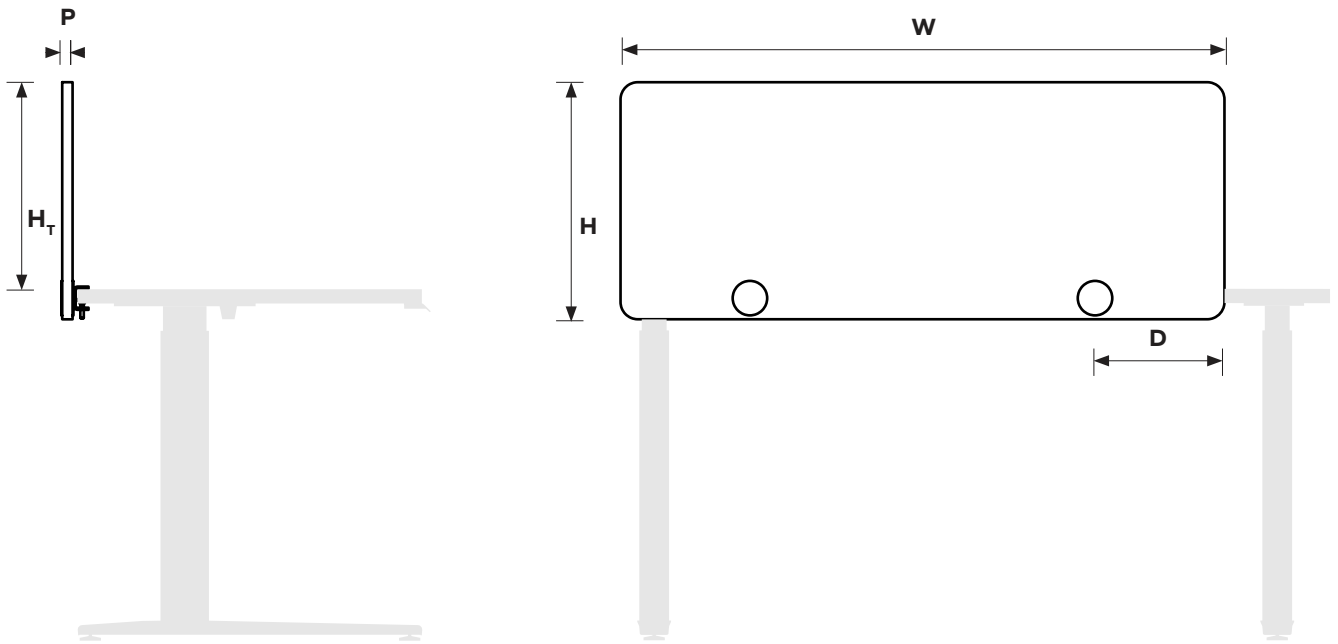


745.24.20.000.12 - Supra Desk Division Bubbles



745.24.20.000.13 - Supra Desk Division Crose

Supra Desk Division 745.24.21.000.00



Dimensions table¹

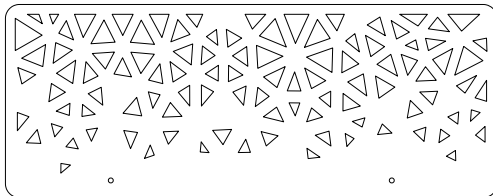
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1400 mm | 55.12" |
| H | Total height | 550 mm | 21.65" |
| H_T | Height above table | 480 mm | 18.90" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.81" |

¹ - all dimensions are nominal

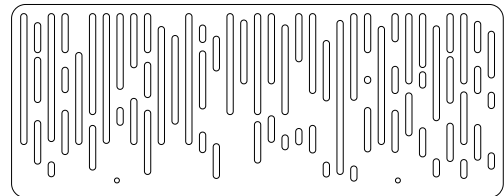
Available perforations

Please note that all patterns are available in eight sizes.

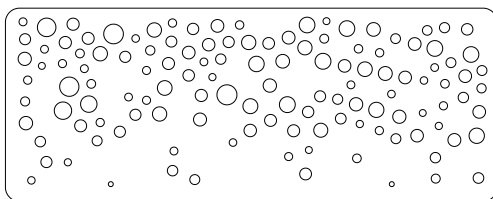
Supra Desk Division 745.24.21.000.00



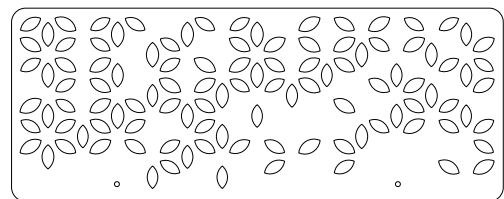
745.24.21.000.10 - Supra Desk Division Web



745.24.21.000.11 - Supra Desk Division Matrix



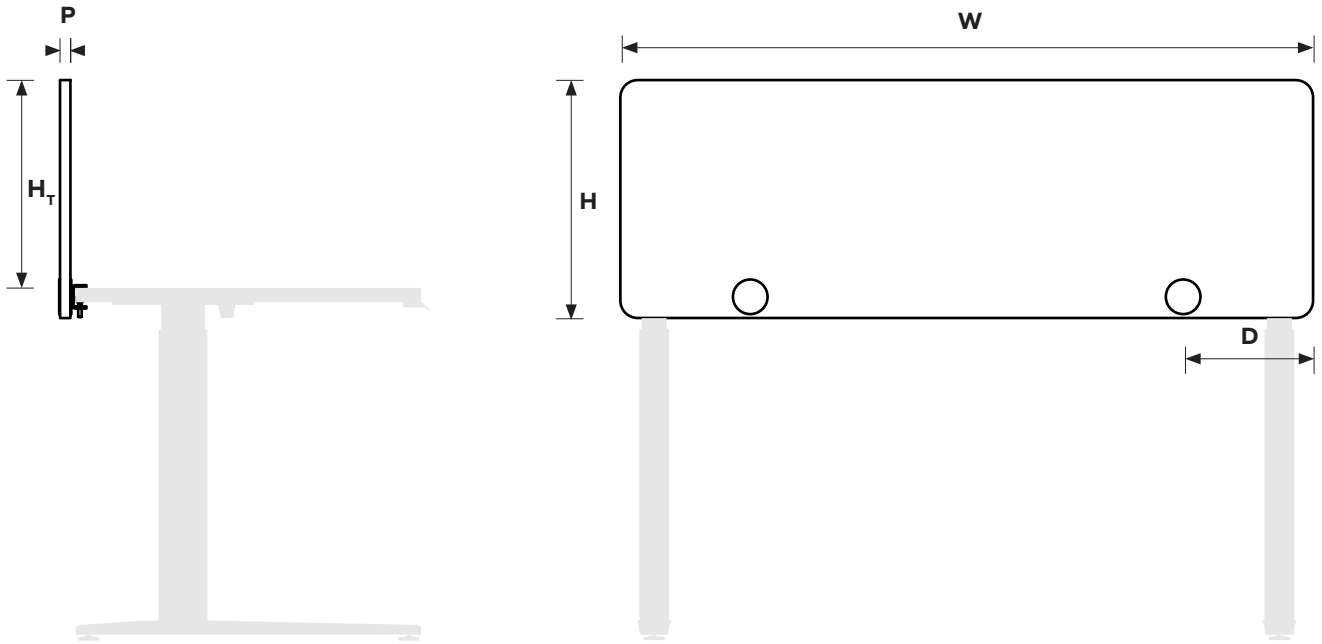
745.24.21.000.12 - Supra Desk Division Bubbles



745.24.21.000.13 - Supra Desk Division Crose

Geometry Information

Supra Desk Division 745.24.22.000.00



Dimensions table¹

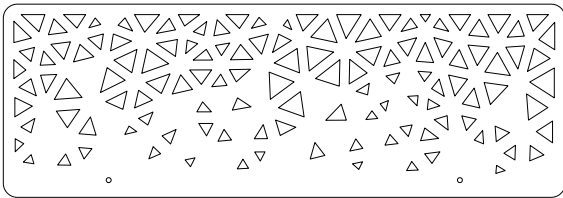
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1600 mm | 63.00" |
| H | Total height | 550 mm | 21.65" |
| H_T | Height above table | 480 mm | 18.90" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.81" |

¹ - all dimensions are nominal

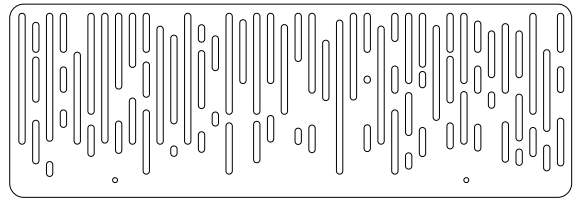
Available perforations

Please note that all patterns are available in eight sizes.

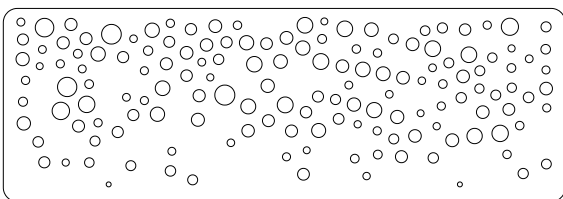
Supra Desk Division 745.24.22.000.00



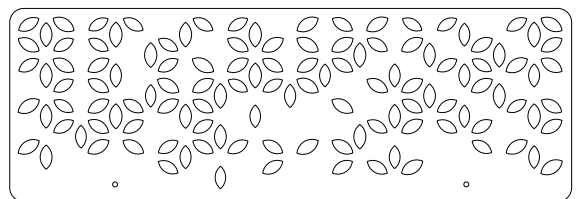
745.24.22.000.10 - Supra Desk Division Web



745.24.22.000.11 - Supra Desk Division Matrix



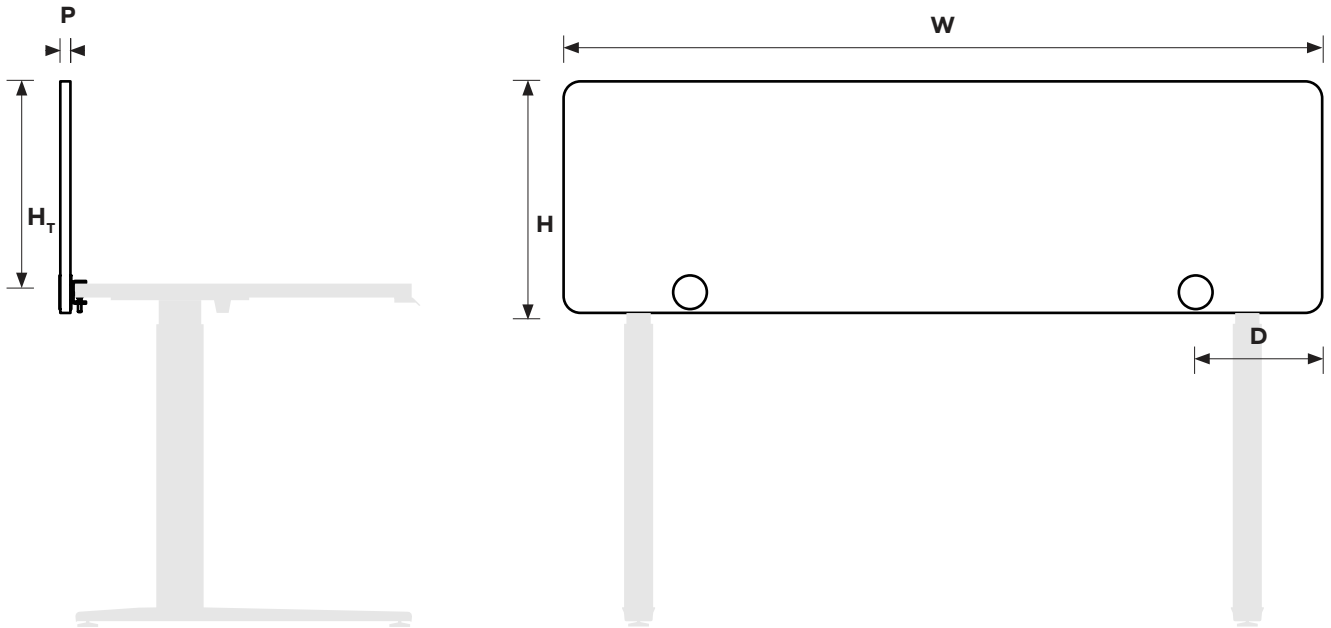
745.24.22.000.12 - Supra Desk Division Bubbles



745.24.22.000.13 - Supra Desk Division Crose

Geometry Information

Supra Desk Division 745.24.23.000.00



Dimensions table¹

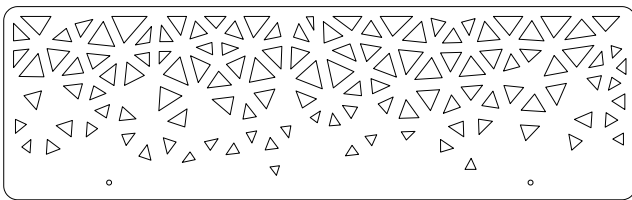
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1800 mm | 70.87" |
| H | Total height | 550 mm | 21.65" |
| H_T | Height above table | 480 mm | 18.90" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.81" |

¹ - all dimensions are nominal

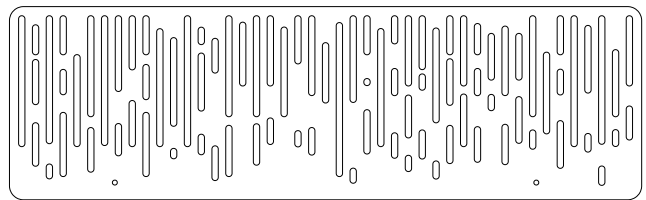
Available perforations

Please note that all patterns are available in eight sizes.

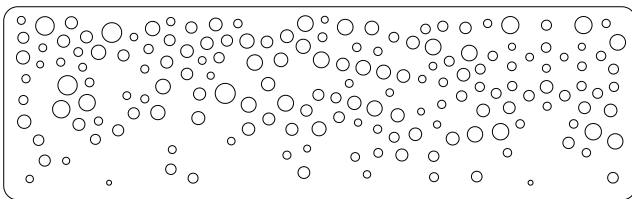
Supra Desk Division 745.24.23.000.00



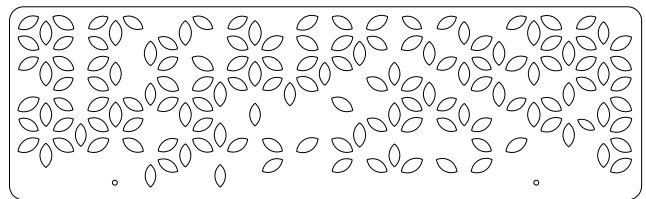
745.24.23.000.10 - Supra Desk Division Web



745.24.23.000.11 - Supra Desk Division Matrix



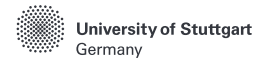
745.24.23.000.12 - Supra Desk Division Bubbles



745.24.23.000.13 - Supra Desk Division Crose

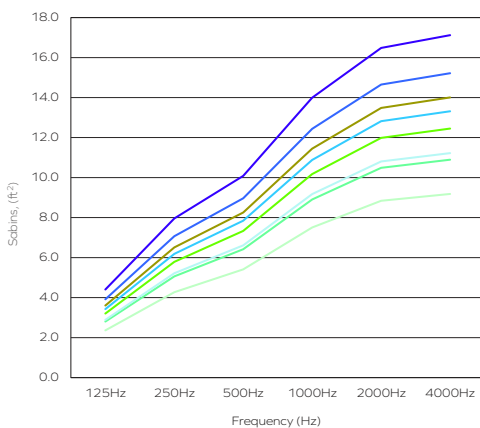
Supra

Acoustic Performance



Testing Standards

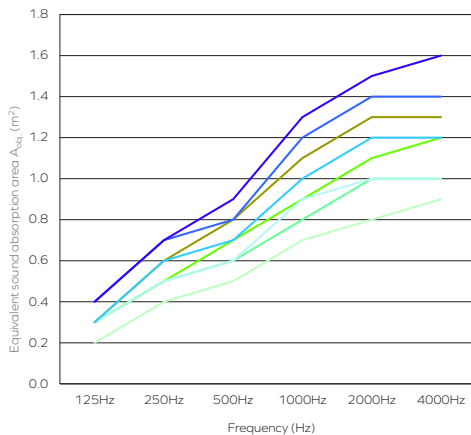
| | |
|----------------|---|
| ISO 354:2003 | Acoustics — Measurement of sound absorption in a reverberation room |
| ISO 11654:1997 | Acoustics — Sound absorbers for use in buildings — Rating of sound absorption |
| ISO 20189:2018 | Acoustics — Screens, furniture and single objects intended for interior 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 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. 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 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 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 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

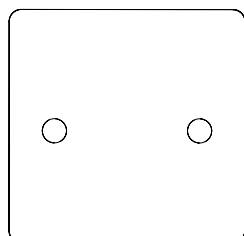
Acoustic Test Results

| | αw | SAA | NRC |
|--|----------|------|------|
| 24mm 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 |

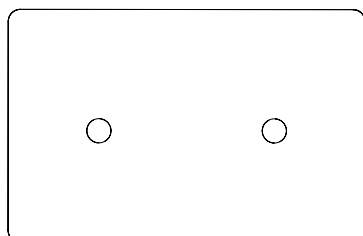
Measurement used Pink Noise as excitation signal in a reverberant room.

Available sizes

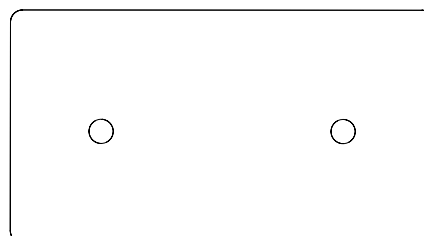
Please note that all sizes are available in four perforated and one plain version.



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")



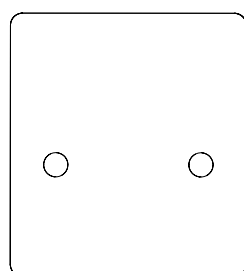
745.24.**32**.000.XX - Infra Desk Division
1400x770
(55.12"x30.32")



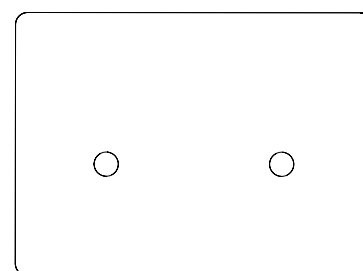
745.24.**33**.000.XX - Infra Desk Division
1600x770
(62.99"x30.32")



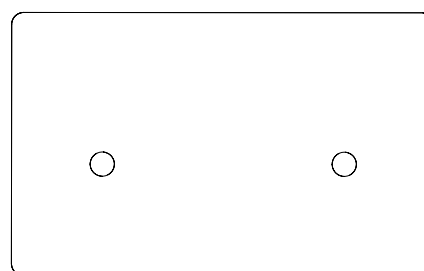
745.24.**34**.000.XX - Infra Desk Division
1800x770
(70.87"x30.32")



745.24.**40**.000.XX - Infra Desk Division
780x870
(30.70"x34.25")



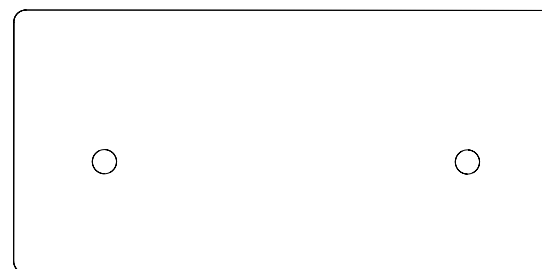
745.24.**41**.000.XX - Infra Desk Division
1180x870
(46.46"x34.25")



745.24.**42**000.XX - Infra Desk Division
1400x870
(55.12"x34.25")



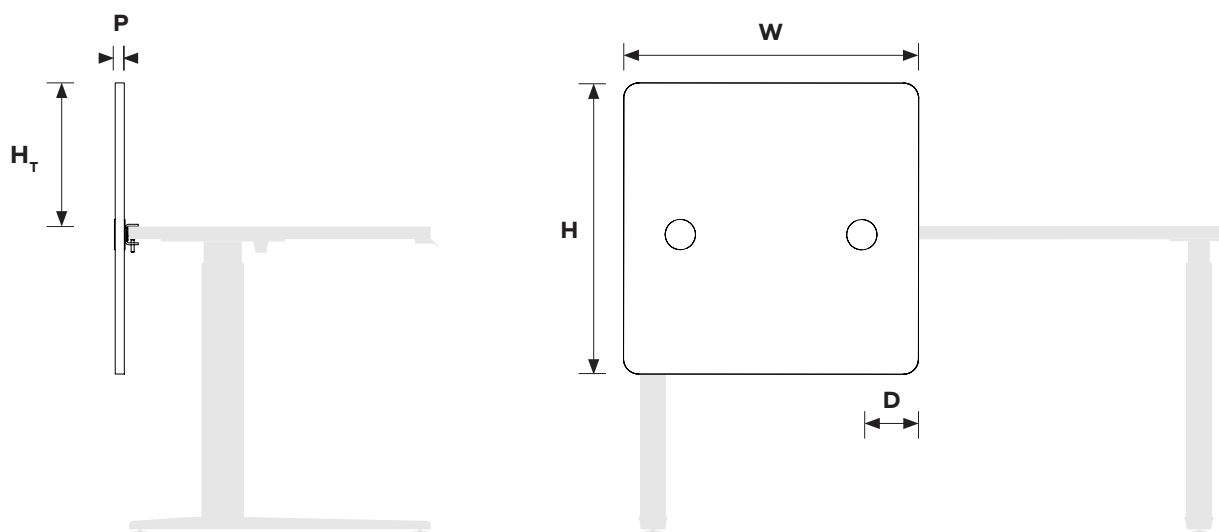
745.24.**43**.000.XX - Infra Desk Division
1600x870
(62.99"x34.25")



745.24.**44**.000.XX - Infra Desk Division
1800x870
(70.87"x34.25")

Geometry Information

Infra Desk Division 745.24.30.000.00



Dimensions table¹

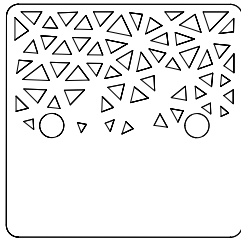
| | | | |
|----------------------|--------------------|--------|--------|
| W | Total width | 780 mm | 30.70" |
| H | Total height | 770 mm | 30.32" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 150 mm | 5.9" |

¹ - all dimensions are nominal

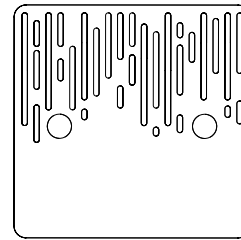
Available perforations

Please note that all patterns are available in eight sizes.

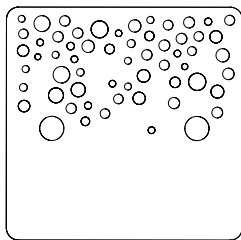
Infra Desk Division 745.24.30.000.00



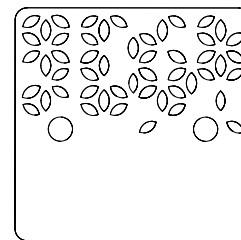
745.24.30.000.10 - Infra Desk Division Web



745.24.30.000.11 - Infra Desk Division Matrix



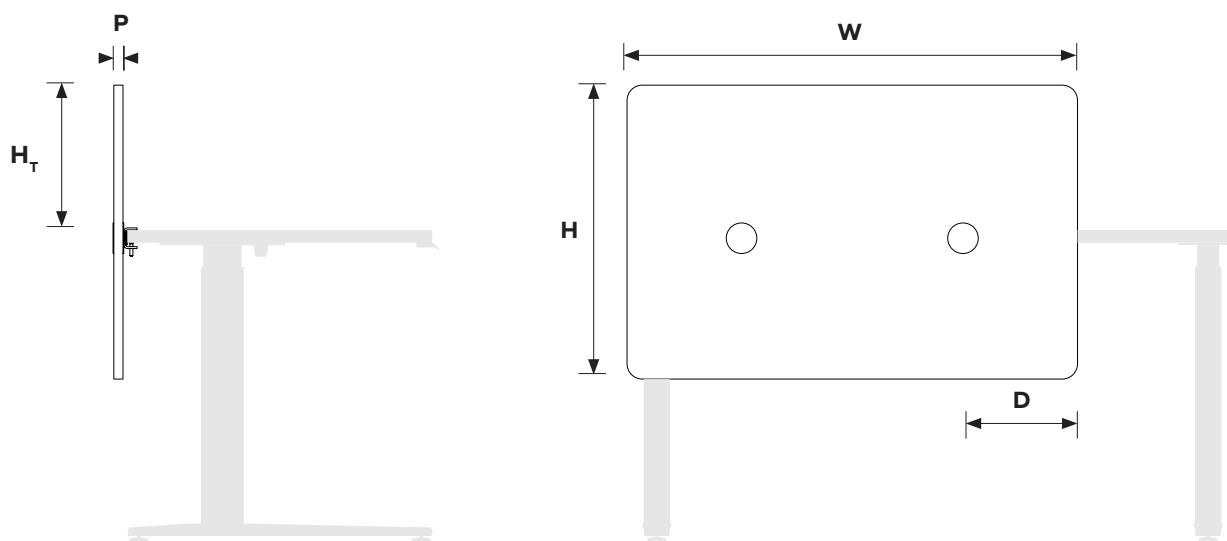
745.24.30.000.12 - Infra Desk Division Bubbles



745.24.30.000.13 - Infra Desk Division Crose

Geometry Information

Infra Desk Division 745.24.31.000.00



Dimensions table¹

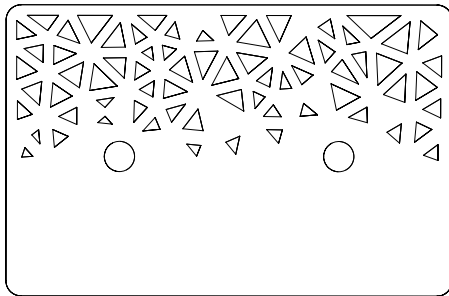
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1180 mm | 46.46" |
| H | Total height | 770 mm | 30.32" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.6" |

¹ - all dimensions are nominal

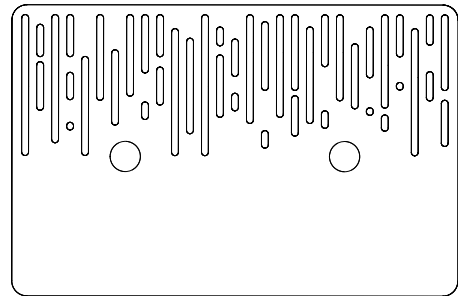
Available perforations

Please note that all patterns are available in eight sizes.

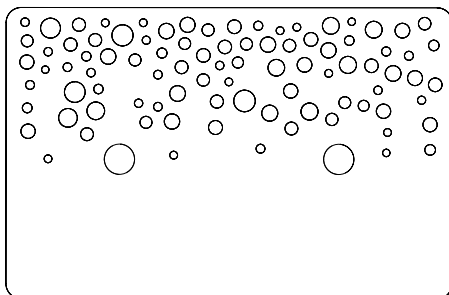
Infra Desk Division 745.24.31.000.00



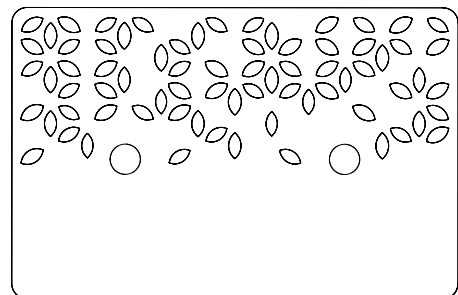
745.24.31.000.10 - Infra Desk Division Web



745.24.31.000.11 - Infra Desk Division Matrix



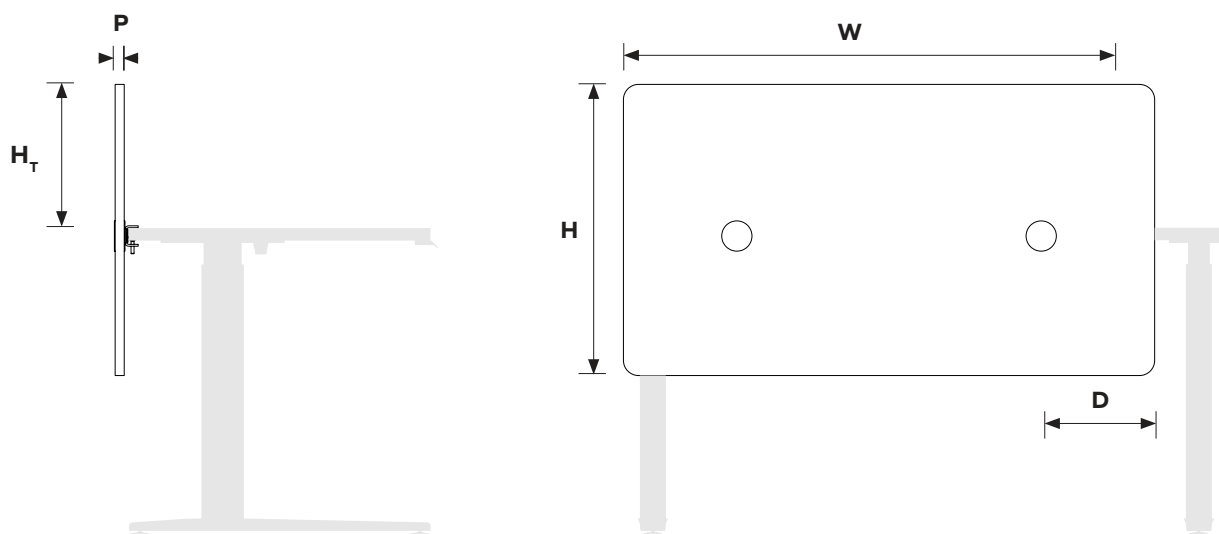
745.24.31.000.12 - Infra Desk Division Bubbles



745.24.31.000.13 - Infra Desk Division Crose

Geometry Information

Infra Desk Division 745.24.32.000.00



Dimensions table¹

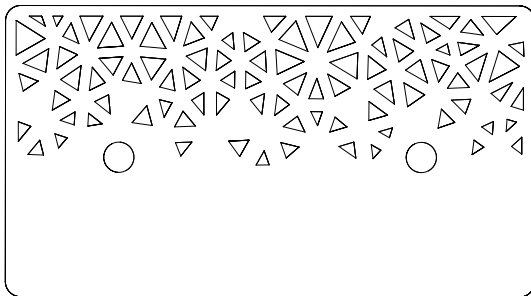
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1400 mm | 55.12" |
| H | Total height | 770 mm | 30.32" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.6" |

¹ - all dimensions are nominal

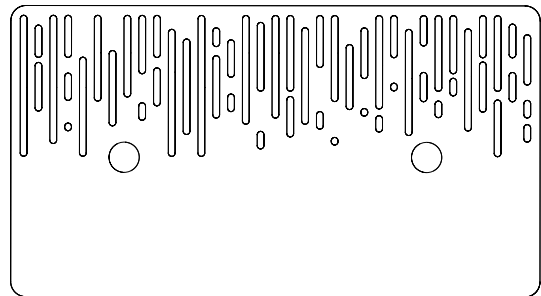
Available perforations

Please note that all patterns are available in eight sizes.

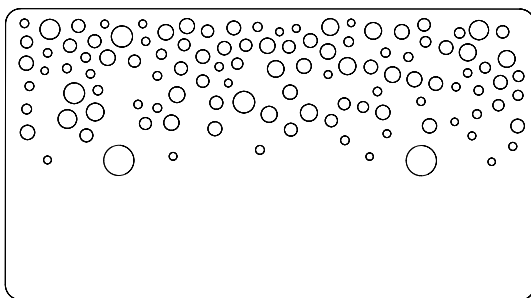
Infra Desk Division 745.24.32.000.00



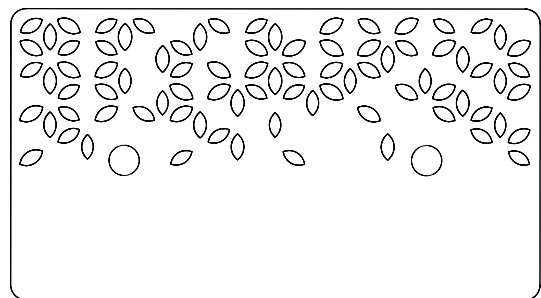
745.24.32.000.10 - Infra Desk Division Web



745.24.32.000.11 - Infra Desk Division Matrix



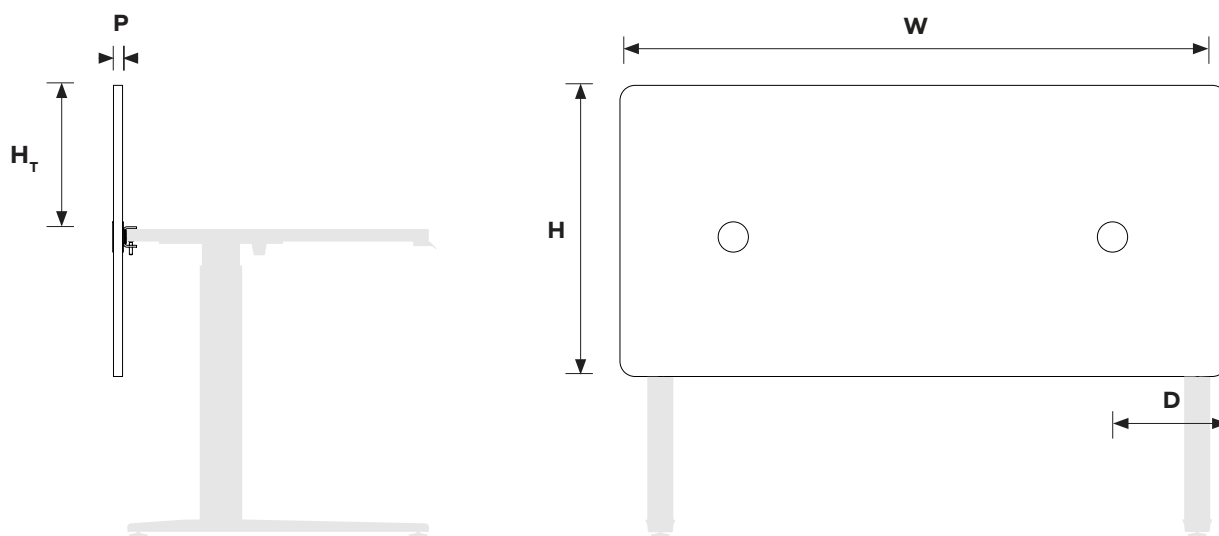
745.24.32.000.12 - Infra Desk Division Bubbles



745.24.32.000.13 - Infra Desk Division Crose

Geometry Information

Infra Desk Division 745.24.33.000.00



Dimensions table¹

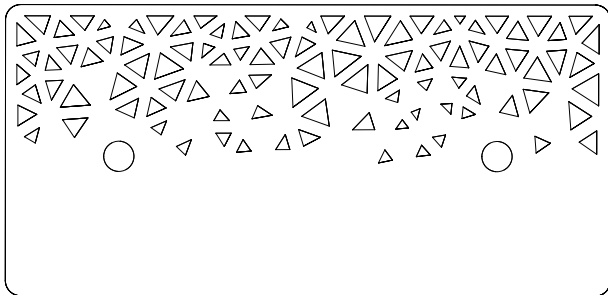
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1600 mm | 62.99" |
| H | Total height | 770 mm | 30.32" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.6" |

¹ - all dimensions are nominal

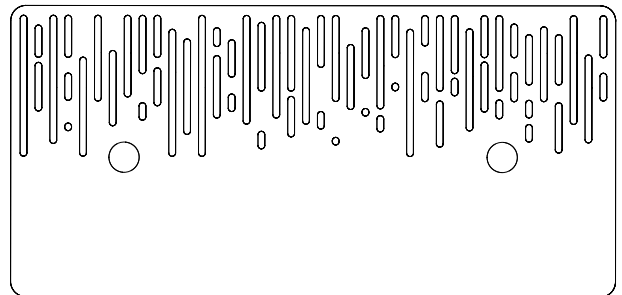
Available perforations

Please note that all patterns are available in eight sizes.

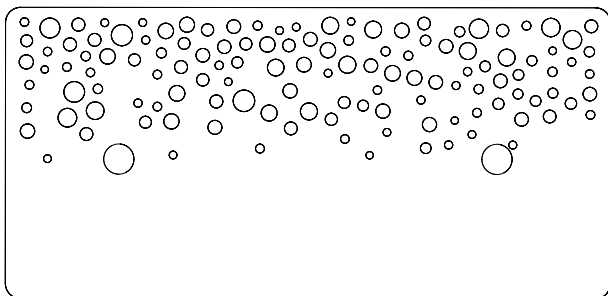
Infra Desk Division 745.24.33.000.00



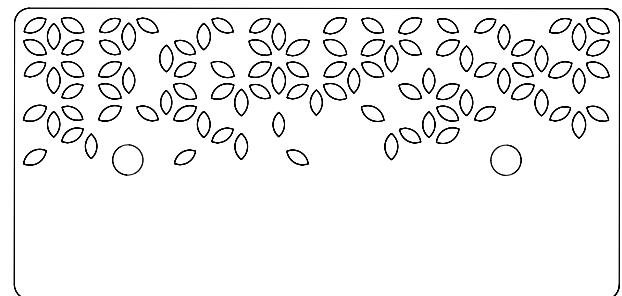
745.24.33.000.10 - Infra Desk Division Web



745.24.33.000.11 - Infra Desk Division Matrix



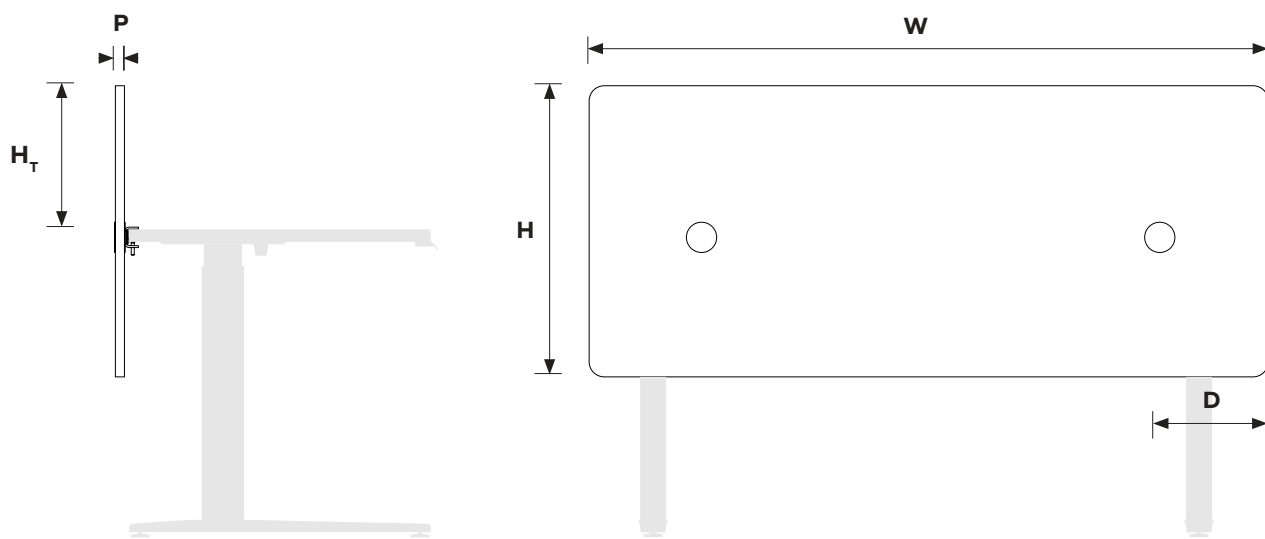
745.24.33.000.12 - Infra Desk Division Bubbles



745.24.33.000.13 - Infra Desk Division Crose

Geometry Information

Infra Desk Division 745.24.34.000.00



Dimensions table¹

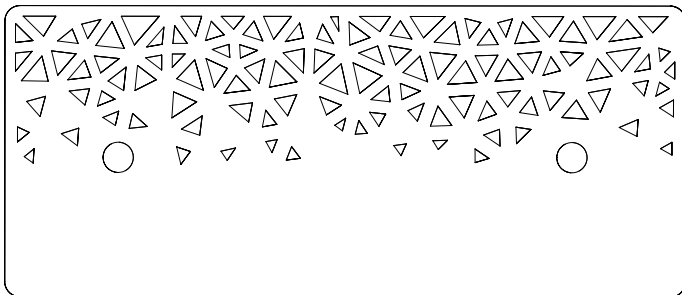
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1800 mm | 70.87" |
| H | Total height | 770 mm | 30.32" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.6" |

¹ - all dimensions are nominal

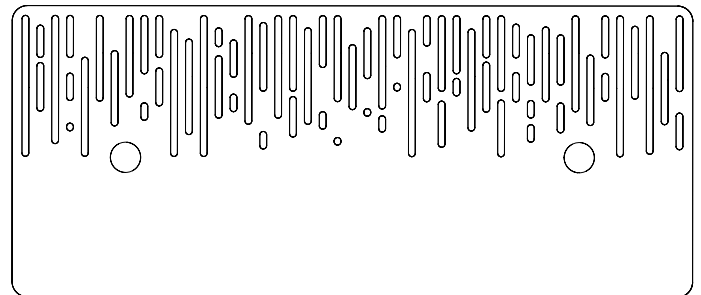
Available perforations

Please note that all patterns are available in eight sizes.

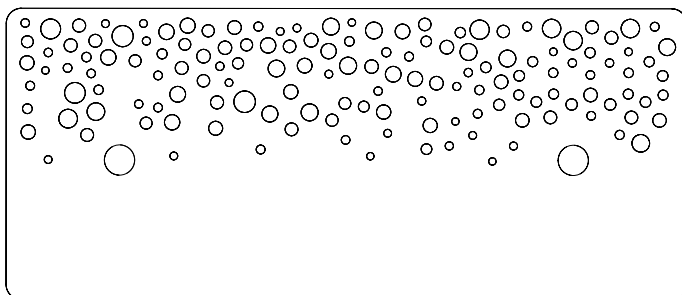
Infra Desk Division 745.24.34.000.00



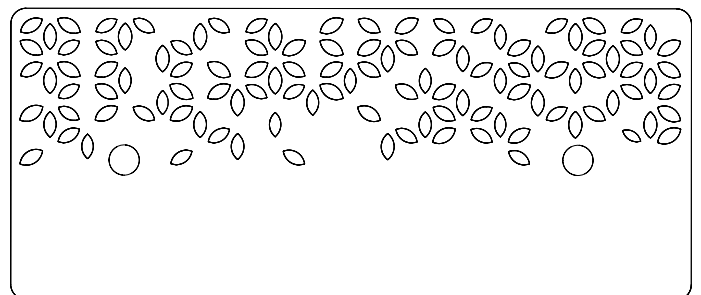
745.24.34.000.10 - Infra Desk Division Web



745.24.34.000.11 - Infra Desk Division Matrix



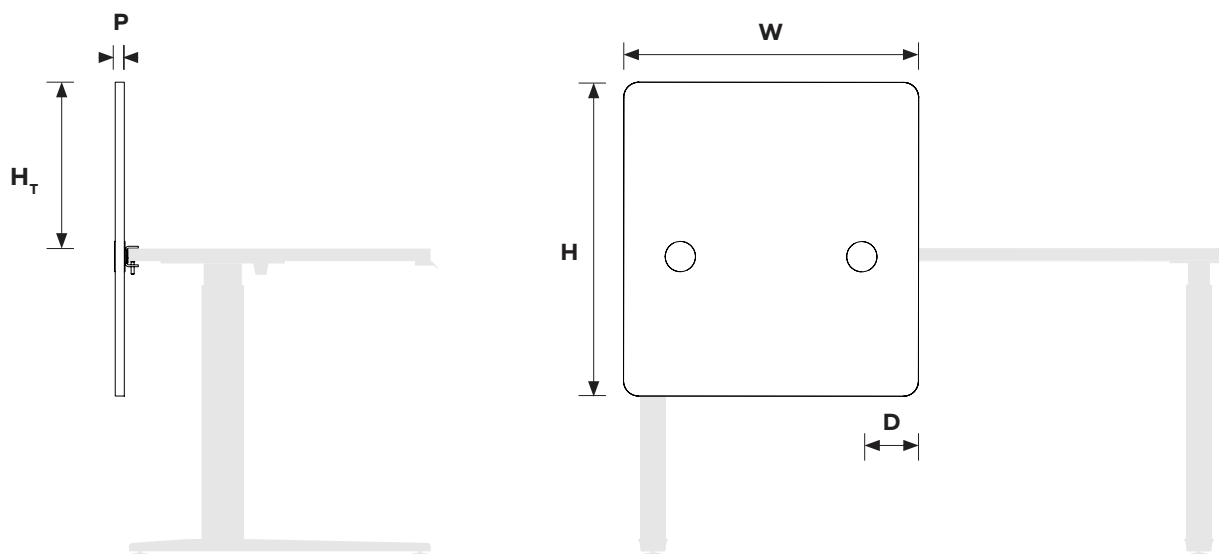
745.24.34.000.12 - Infra Desk Division Bubbles



745.24.34.000.13 - Infra Desk Division Crose

Geometry Information

Infra Desk Division 745.24.40.000.00



Dimensions table¹

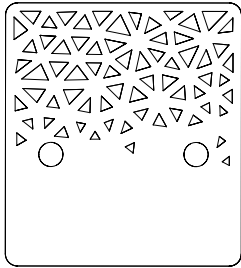
| | | | |
|----------------------|--------------------|--------|--------|
| W | Total width | 780 mm | 30.70" |
| H | Total height | 870 mm | 34.25" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 150 mm | 5.9" |

¹ - all dimensions are nominal

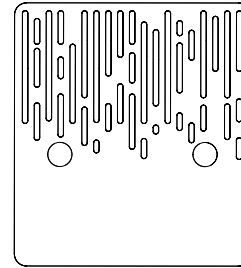
Available perforations

Please note that all patterns are available in eight sizes.

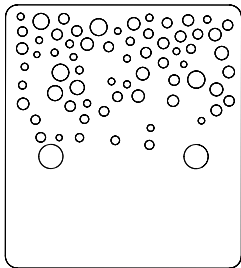
Infra Desk Division 745.24.40.000.00



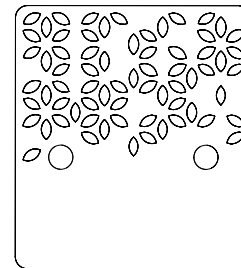
745.24.40.000.10 - Infra Desk Division Web



745.24.40.000.11 - Infra Desk Division Matrix



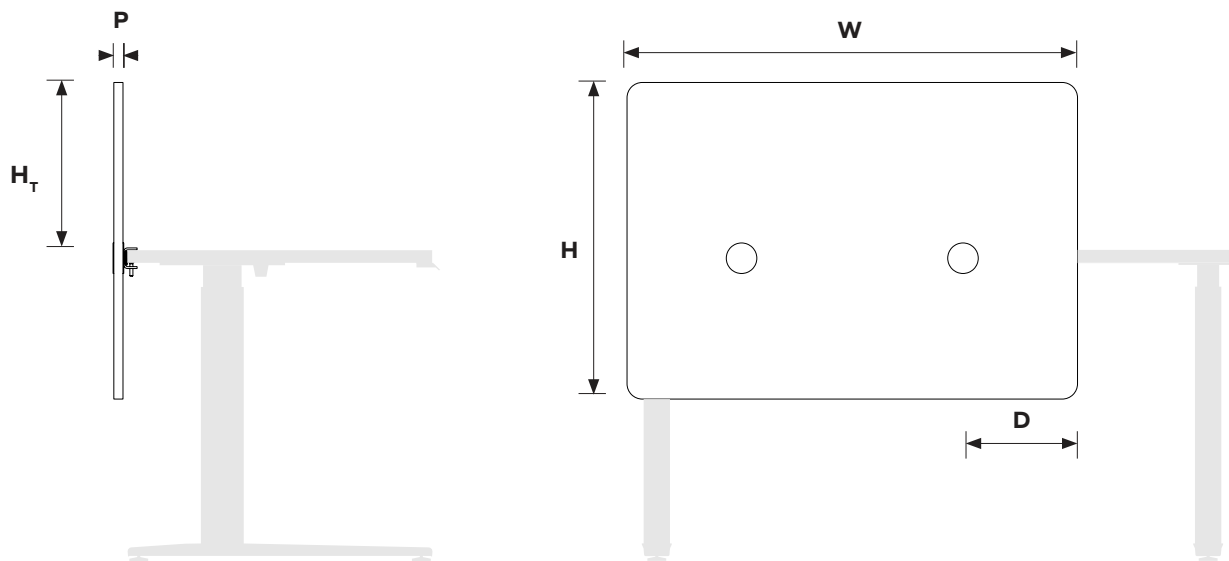
745.24.40.000.12 - Infra Desk Division Bubbles



745.24.40.000.13 - Infra Desk Division Crose

Geometry Information

Infra Desk Division 745.24.41.000.00



Dimensions table¹

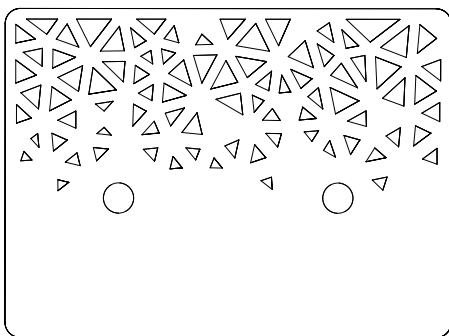
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1180 mm | 46.46" |
| H | Total height | 870 mm | 34.25" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.6" |

¹ - all dimensions are nominal

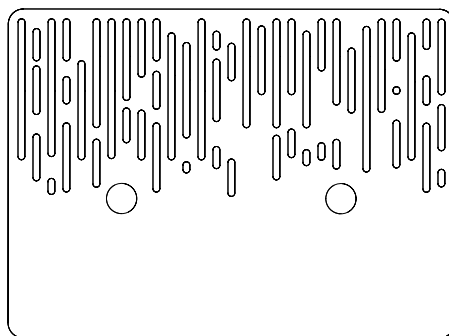
Available perforations

Please note that all patterns are available in eight sizes.

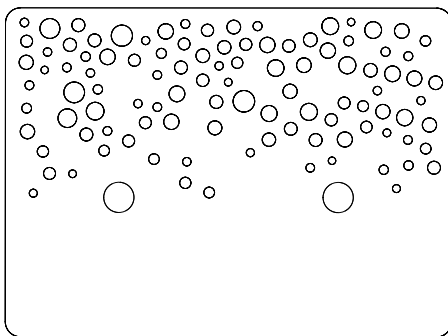
Infra Desk Division 745.24.41.000.00



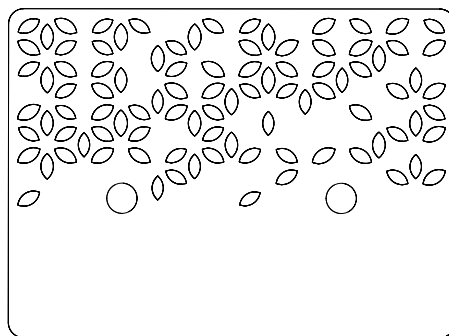
745.24.41.000.10 - Supra Desk Division Web



745.24.41.000.11 - Supra Desk Division Matrix



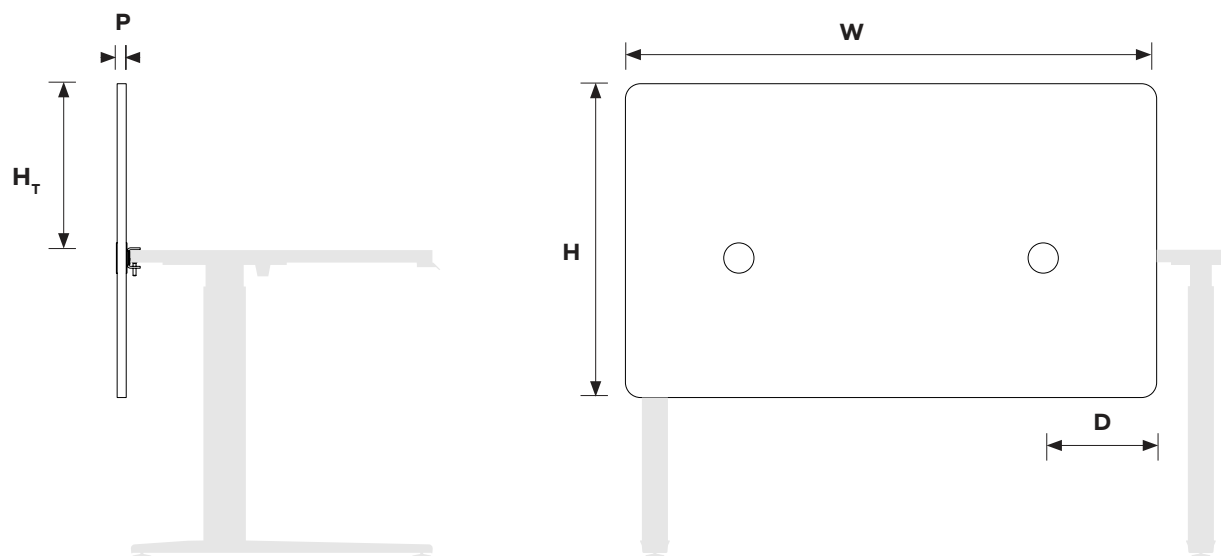
745.24.41.000.12 - Supra Desk Division Bubbles



745.24.41.000.13 - Supra Desk Division Crose

Geometry Information

Infra Desk Division 745.24.42.000.00



Dimensions table¹

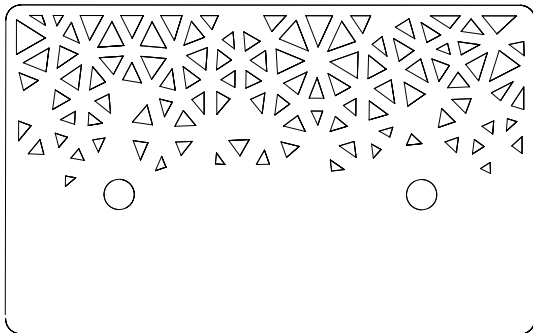
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1400 mm | 55.12" |
| H | Total height | 870 mm | 34.25" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.6" |

¹ - all dimensions are nominal

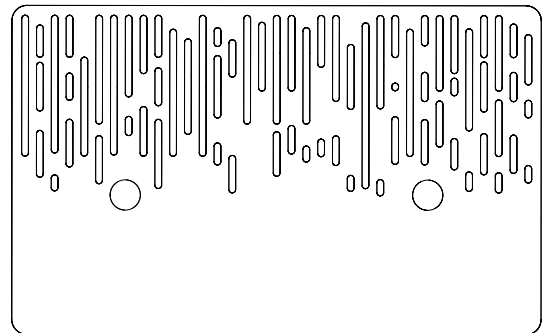
Available perforations

Please note that all patterns are available in eight sizes.

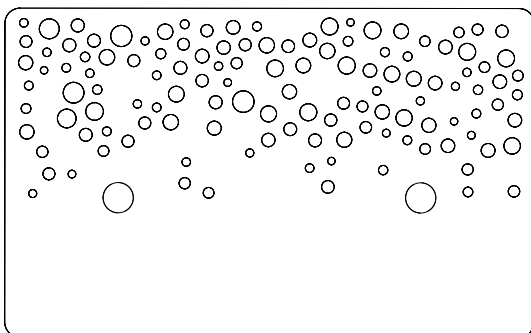
Infra Desk Division 745.24.42.000.00



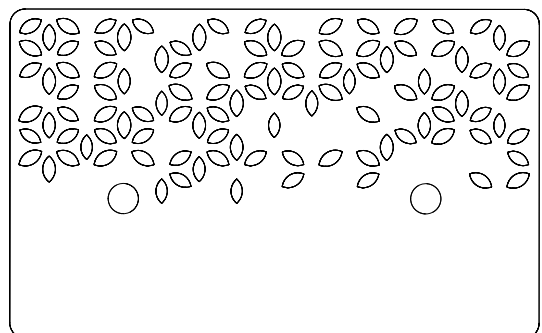
745.24.42.000.10 - Infra Desk Division Web



745.24.42.000.11 - Infra Desk Division Matrix



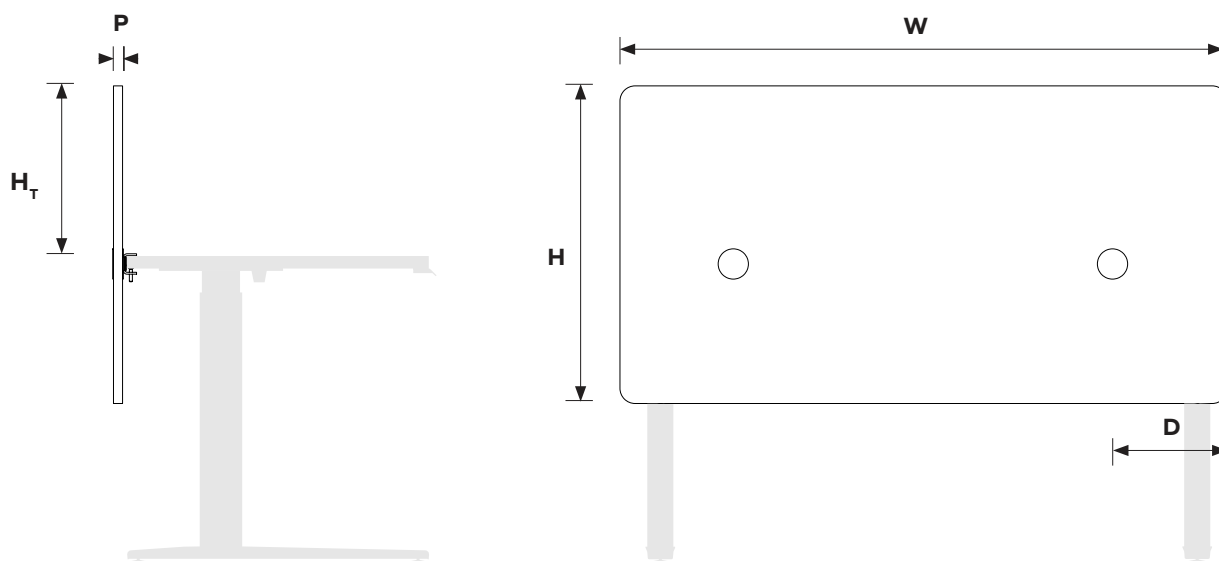
745.24.42.000.12 - Infra Desk Division Bubbles



745.24.42.000.13 - Infra Desk Division Crose

Geometry Information

Infra Desk Division 745.24.43.000.00



Dimensions table¹

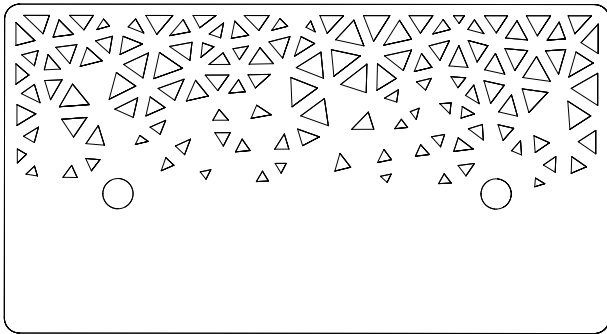
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1600 mm | 62.99" |
| H | Total height | 870 mm | 34.25" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.6" |

¹ - all dimensions are nominal

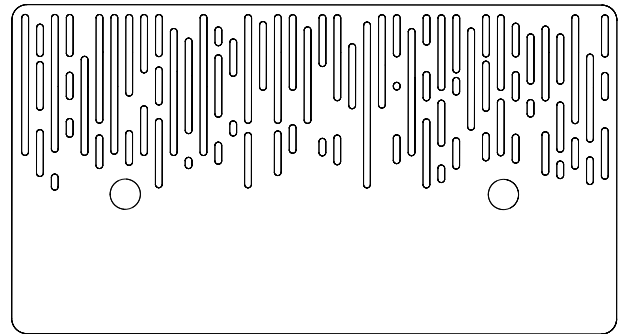
Available perforations

Please note that all patterns are available in eight sizes.

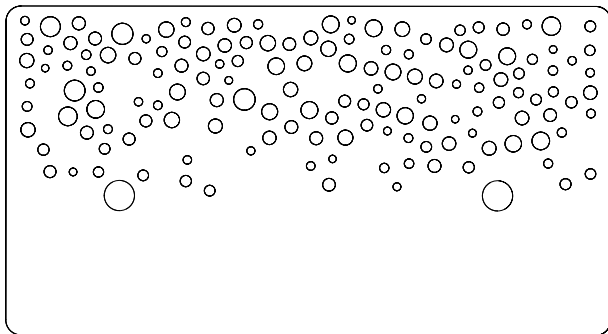
Infra Desk Division 745.24.43.000.00



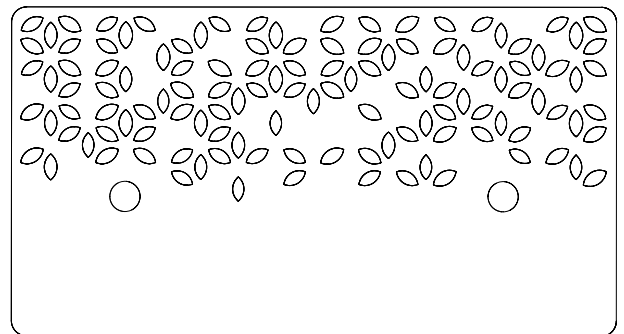
745.24.43.000.10 - Infra Desk Division Web



745.24.43.000.11 - Infra Desk Division Matrix



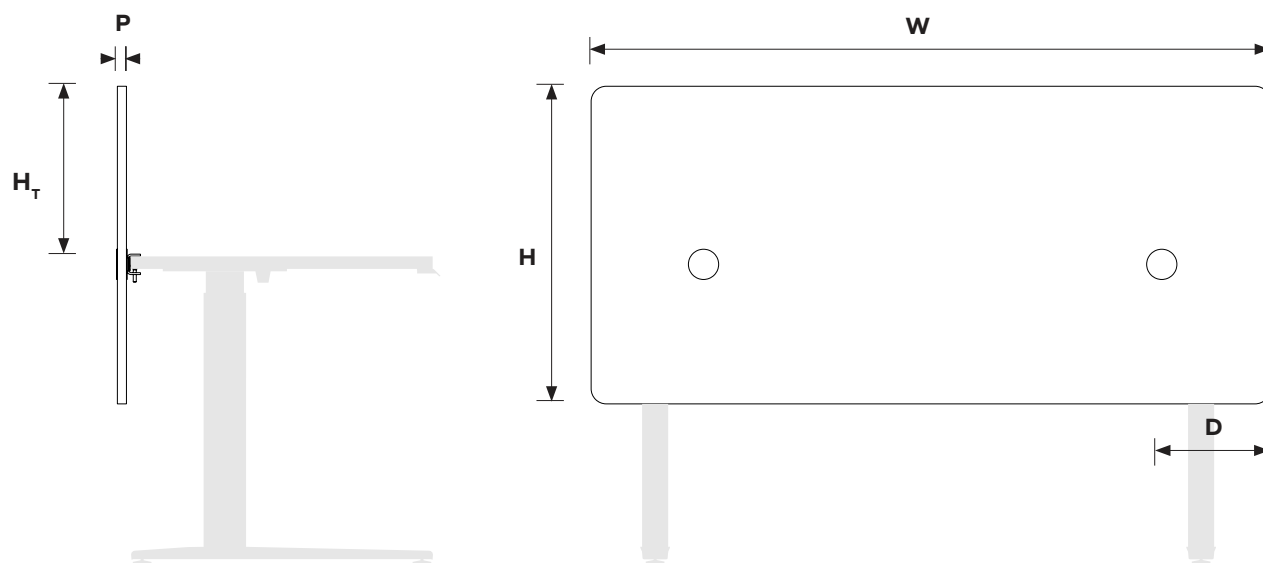
745.24.43.000.12 - Infra Desk Division Bubbles



745.24.43.000.13 - Infra Desk Division Crose

Geometry Information

Infra Desk Division 745.24.44.000.00



Dimensions table¹

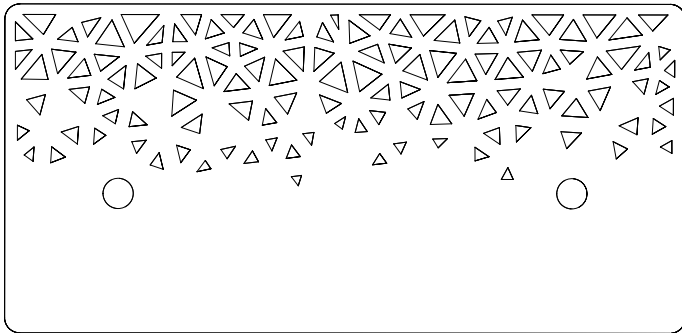
| | | | |
|----------------------|--------------------|---------|--------|
| W | Total width | 1800 mm | 70.87" |
| H | Total height | 870 mm | 34.25" |
| H_T | Height above table | 380 mm | 14.96" |
| P | Material thickness | 24 mm | 0.94" |
| D | Distance | 300 mm | 11.6" |

¹ - all dimensions are nominal

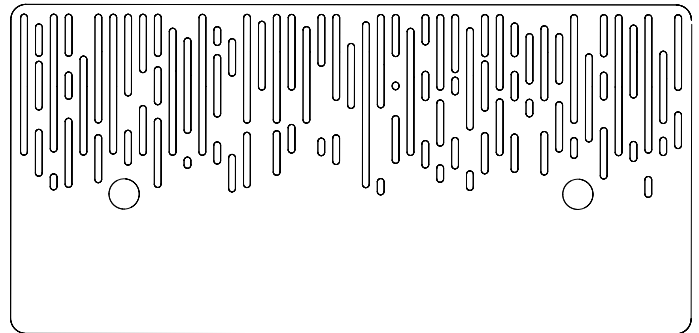
Available perforations

Please note that all patterns are available in eight sizes.

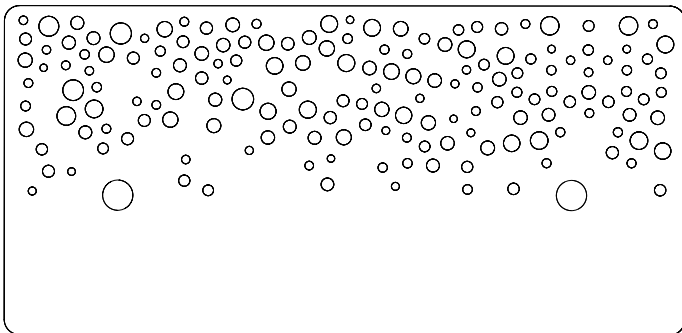
Infra Desk Division 745.24.44.000.00



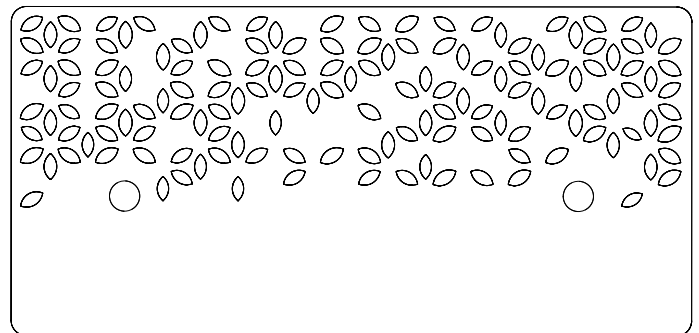
745.24.44.000.10 - Infra Desk Division Web



745.24.44.000.11 - Infra Desk Division Matrix



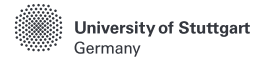
745.24.44.000.12 - Infra Desk Division Bubbles



745.24.44.000.13 - Infra Desk Division Crose

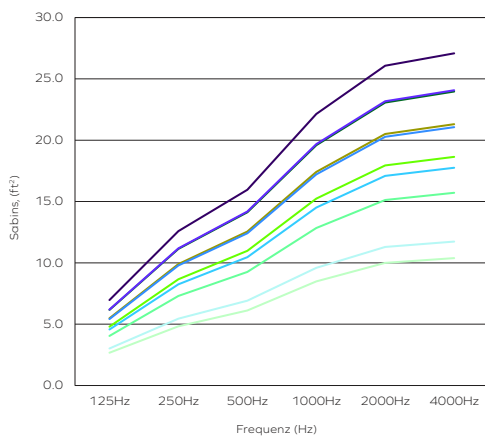
Infra

Acoustic Performance



Prüfnormen

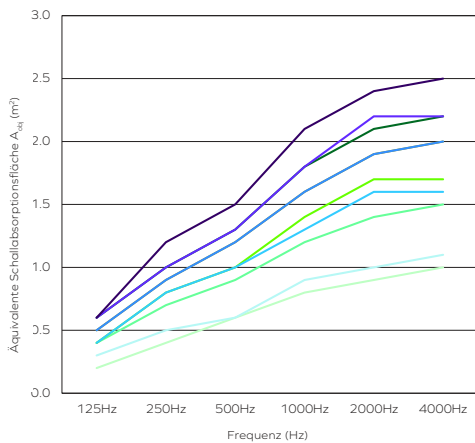
| | |
|----------------|--|
| ISO 354:2003 | Akustik - Messung der Schallabsorption in einem hallenden Raum |
| ISO 11654:1997 | Akustik - Schallabsorber zur Verwendung in Gebäuden - Bewertung der Schallabsorption |
| ISO 20189:2018 | Akustik - Bildschirme, Möbel und einzelne Gegenstände für den Innenbereich - Bewertung der Schallabsorption und Schallreduktion von Elementen auf der Grundlage von Labormessungen |
| ASTM C423-17 | Standardprüfverfahren für Schallabsorption und Schallabsorptionskoeffizienten nach dem Hallraumverfahren |
| ASTM E795-16 | Standardpraktiken für die Montage von Prüfkörpern bei Schallabsorptionsprüfungen |



Akustische Leistung - ASTM Sabins, ft²

| Frequenz (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 |

Das Diagramm stellt die Sabins (ft²) in den Mittenfrequenzen des dritten Oktavbandes dar.



Akustische Leistung - ISO A_{obj}, m²

| Frequenz (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 |

Das Diagramm stellt die äquivalente Schallabsorption pro Objekt (Aobj) in den Mittenfrequenzen des dritten Oktavbandes dar.

- 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

Akustische Testergebnisse

| | αw | SAA | NRC |
|--|----------|------|------|
| 24mm Wandtafel 1800x2400mm (Einfach) | 0.55 (H) | 0.57 | 0.55 |
| 24mm Wandtafel 1800x2400mm (Perforiertes Muster) | 0.45 (H) | 0.47 | 0.45 |
| 12mm Wandtafel 1200x2800mm (Einfach) | 0.4 (H) | 0.39 | 0.40 |
| 12mm Wandtafel 1200x2800mm (Perforiertes Muster) | 0.35 (H) | 0.32 | 0.35 |

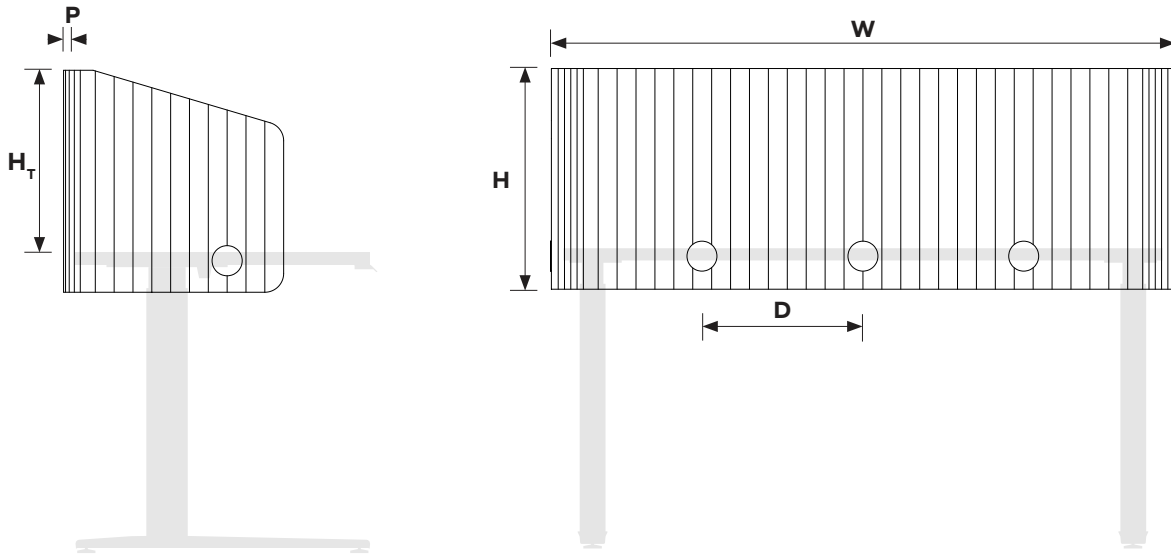
Bei der Messung wurde rosa Rauschen als Anregungssignal in einem schallharten Raum verwendet.

Wrap

Custom solutions available

Geometry Information

Full Wrap Desk Division 745.12.10.000.00



Dimensions table¹

| | | | |
|----------------------|--------------------|---------|--------|
| 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 | 12 mm | 0.47" |
| D | Distance | 430 mm | 16.93" |

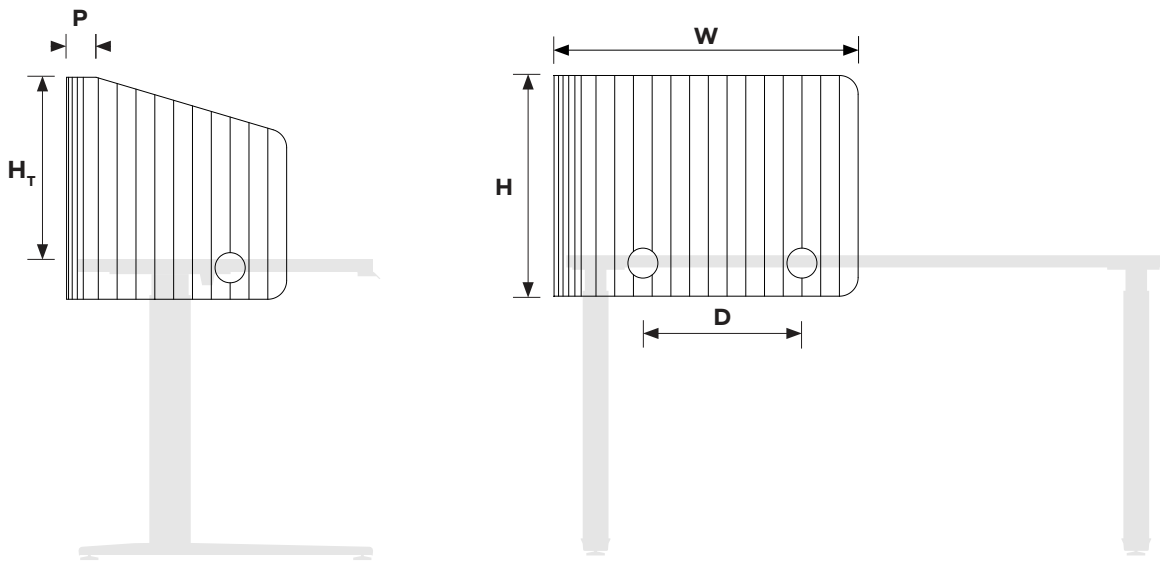
¹ - all dimensions are nominal

Wrap

Custom solutions available

Geometry Information

Left Wrap Desk Division 745.12.11.000.00



Dimensions table¹

| | | | |
|----------------------|--------------------|--------|--------|
| 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 | 12 mm | 0.47" |
| D | Distance | 425 mm | 16.73" |

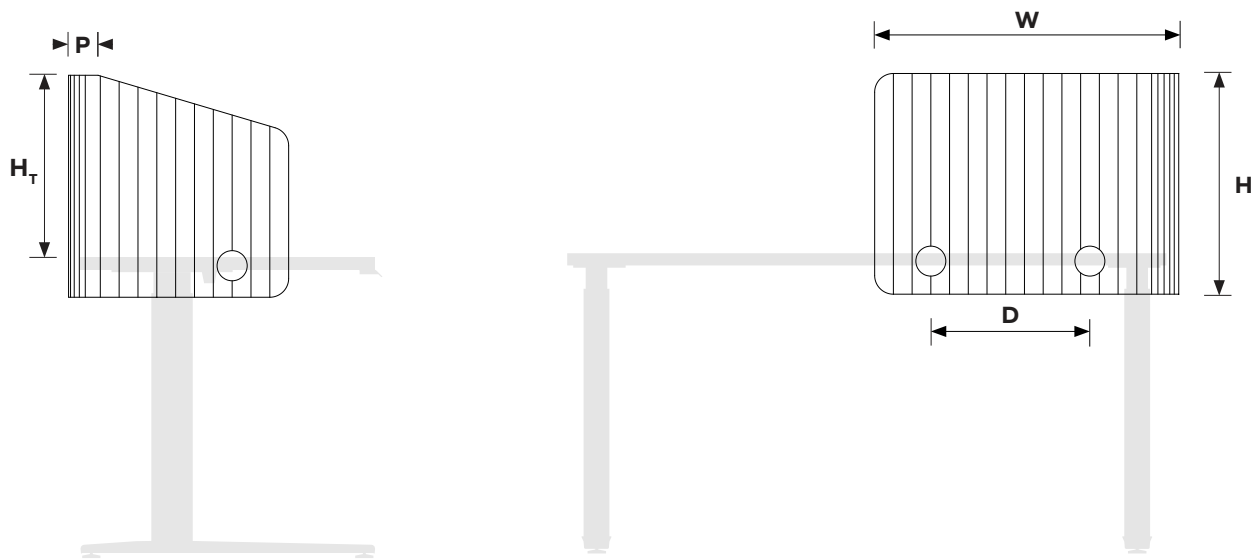
¹ - all dimensions are nominal

Wrap

Custom solutions available

Geometry Information

Right Wrap Desk Division 745.12.12.000.00



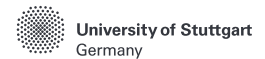
Dimensions table¹

| | | | |
|----------------------|--------------------|--------|--------|
| 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 | 12 mm | 0.47" |
| D | Distance | 425 mm | 16.73" |

¹ - all dimensions are nominal

Wrap

Acoustic Performance



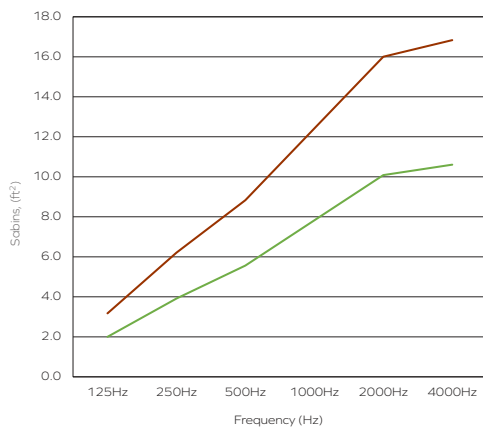
Testing Standards

| | |
|----------------|---|
| 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 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.

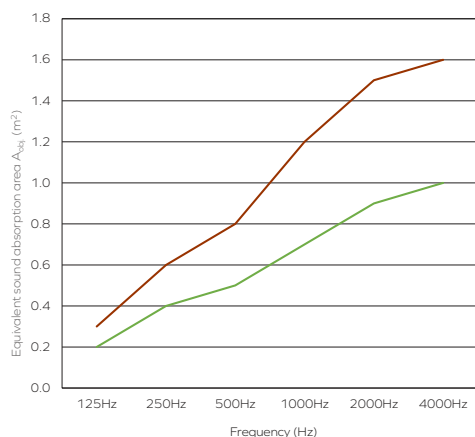


Acoustic Performance - ASTM Sabins , ft²

| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|-------------------|-----|-----|-----|------|------|------|
| 24mm Wrap (Full) | 3.2 | 6.2 | 8.8 | 12.4 | 16.0 | 16.8 |
| 24mm Wrap (Right) | 2.0 | 3.9 | 5.6 | 7.8 | 10.1 | 10.6 |
| 24mm Wrap (Left) | 2.0 | 3.9 | 5.6 | 7.8 | 10.1 | 10.6 |

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.

- 24mm Wrap (Full)
- 24mm Wrap (Right) and 24mm Wrap (Left)



Acoustic Performance - ISO A_{obj} , m²

| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|-------------------------------|-----|-----|-----|------|------|------|
| 24mm Wrap (Full) | 0.3 | 0.6 | 0.8 | 1.2 | 1.5 | 1.6 |
| 24mm Full Moon 1400mm x 590mm | 0.2 | 0.4 | 0.5 | 0.7 | 0.9 | 1.0 |
| 24mm Full Moon 1600mm x 590mm | 0.2 | 0.4 | 0.5 | 0.7 | 0.9 | 1.0 |

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 Wrap (Full)
- 24mm Wrap (Right) and 24mm Wrap (Left)

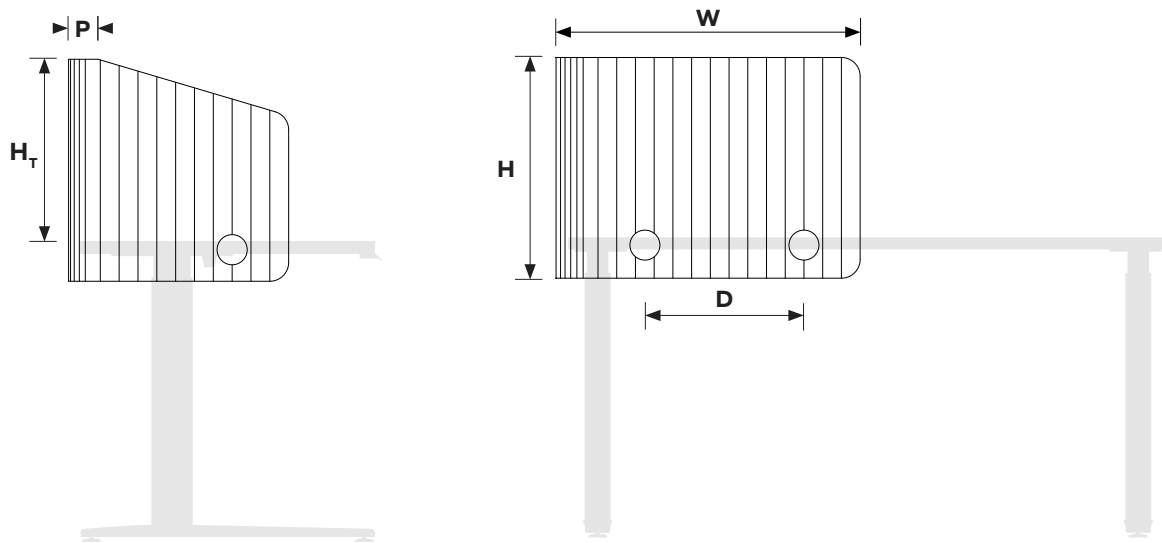
Wrap Performance

Geometry Information

Custom solutions available

Left Wrap Performance Desk Division

745.24.80.000.00



Dimensions table¹

| | | | |
|----------------------|--------------------|--------|--------|
| 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" |
| D | Distance | 425 mm | 16.73" |

¹ - all dimensions are nominal

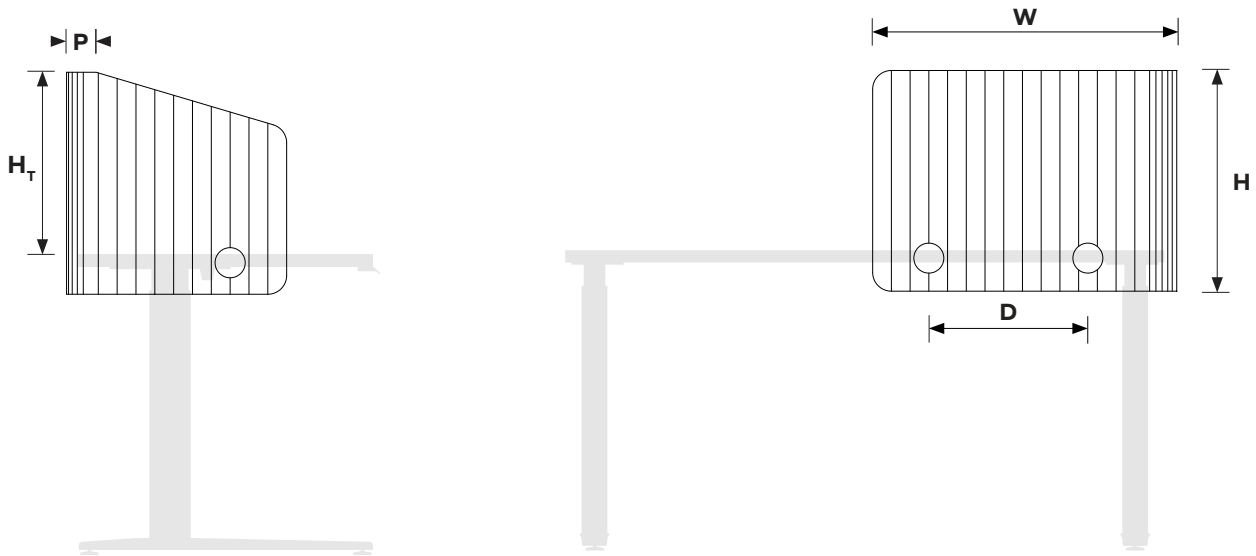
Wrap Performance

Geometry Information

Custom solutions available

Right Wrap Performance Desk Division

745.24.81.000.00



Dimensions table¹

| | | | |
|----------------------|--------------------|--------|--------|
| 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" |
| D | Distance | 425 mm | 16.73" |

¹ - all dimensions are nominal

Wrap Performantce

Acoustic Performance



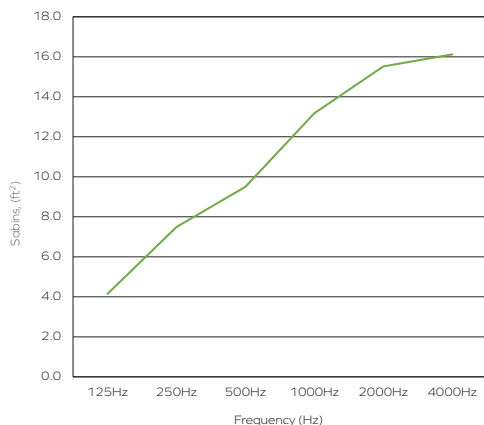
Testing Standards

| | |
|----------------|---|
| 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 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.

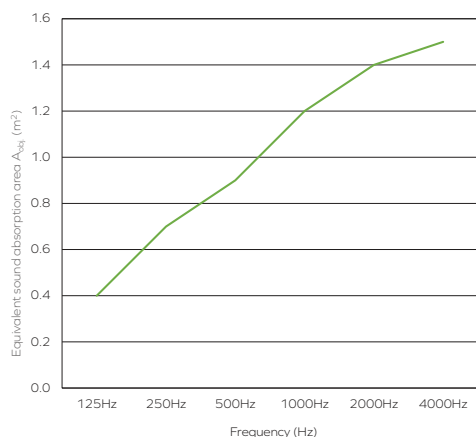


Acoustic Performance - ASTM Sabins, ft²

| 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 (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.

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



Acoustic Performance - ISO A_obj, m²

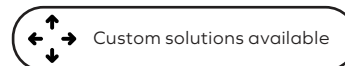
| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|------------------------------|-----|-----|-----|------|------|------|
| 24mm Wrap Performance(Right) | 0.4 | 0.7 | 0.9 | 1.2 | 1.4 | 1.5 |
| 24mm Wrap Performance(Left) | 0.4 | 0.7 | 0.9 | 1.2 | 1.4 | 1.5 |

The graph represents the equivalent sound absorption 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.

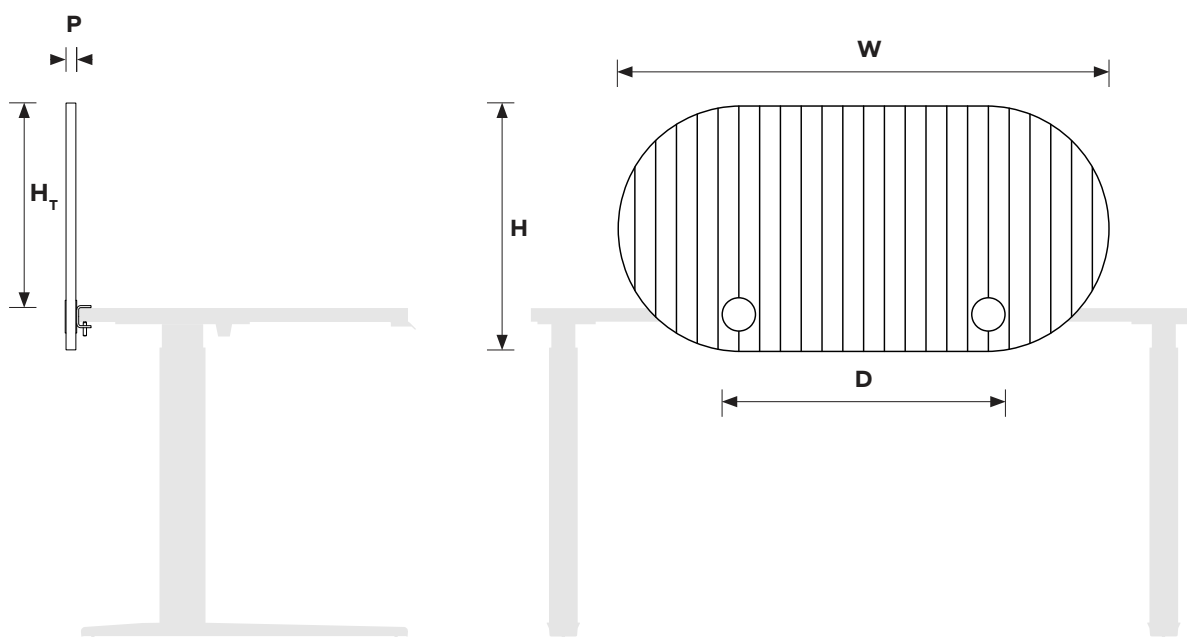
● 24mm Wrap Performance(Right) and 24mm Wrap Performance(Left)

Full Moon

Geometry Information



Full Moon Desk Division 745.24.60.000.00



Dimensions table¹

| | | | |
|----------------------|--------------------|---------|--------|
| 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" |

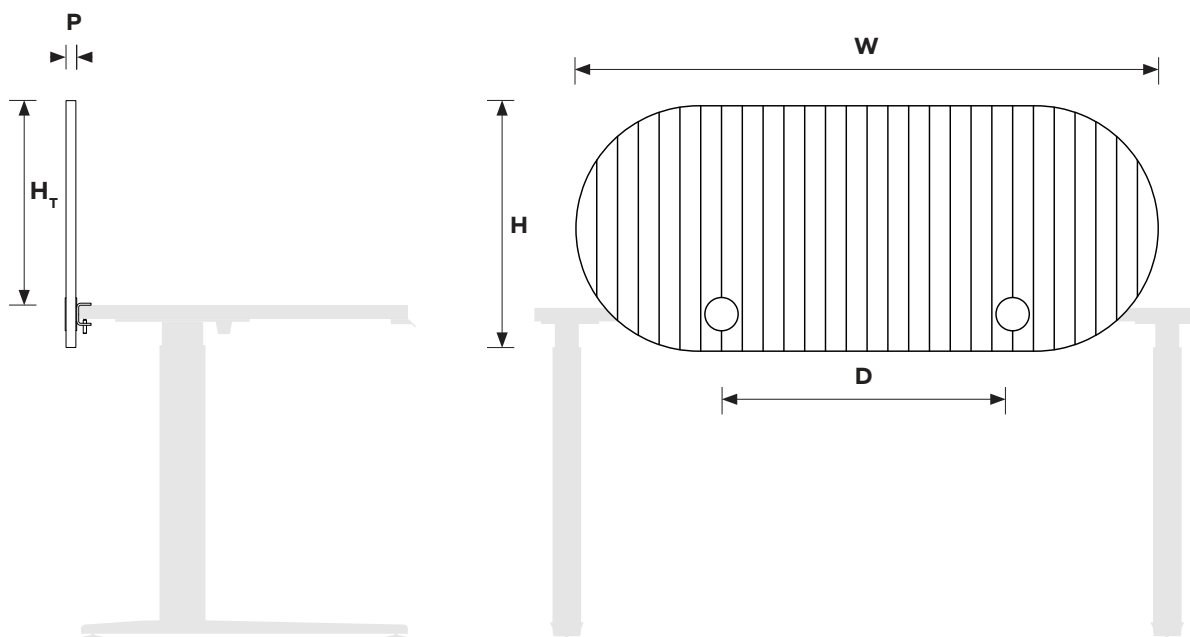
1 - all dimensions are nominal

Full Moon

Geometry Information

Custom solutions available

Full Moon Desk Division 745.24.61.000.00



Dimensions table¹

| | | | |
|----------------------|--------------------|---------|--------|
| 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" |

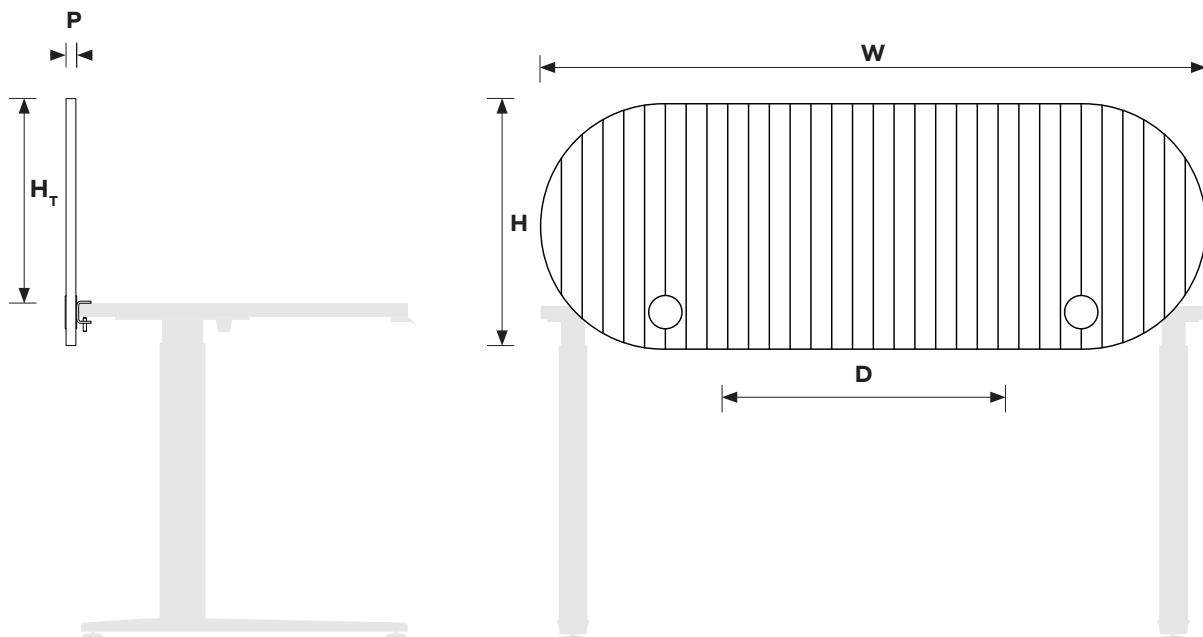
1 - all dimensions are nominal

Full Moon

Custom solutions available

Geometry Information

Full Moon Desk Division 745.24.62.000.00



Dimensions table¹

| | | | |
|----------------------|--------------------|---------|--------|
| 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

Full Moon

Acoustic Performance



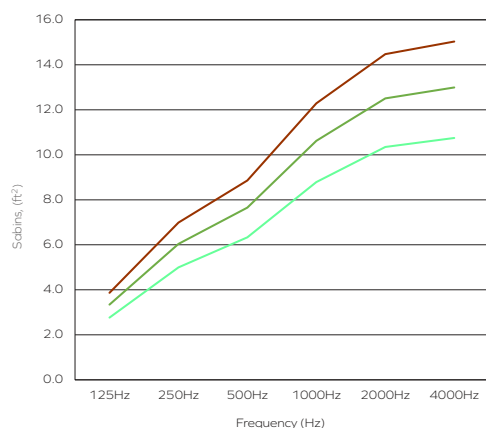
Testing Standards

| | |
|----------------|---|
| 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 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.

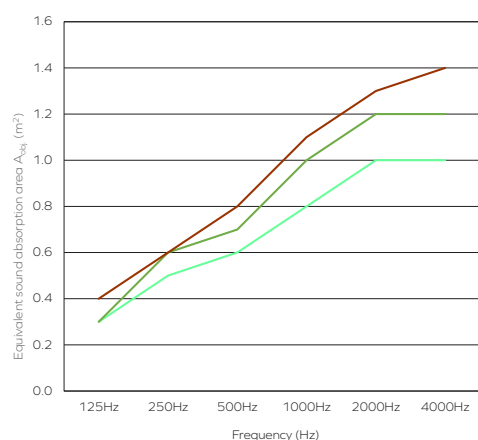


Acoustic Performance - ASTM Sabins , ft²

| 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 (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.

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



Acoustic Performance - ISO A_{obj} , m²

| 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 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.

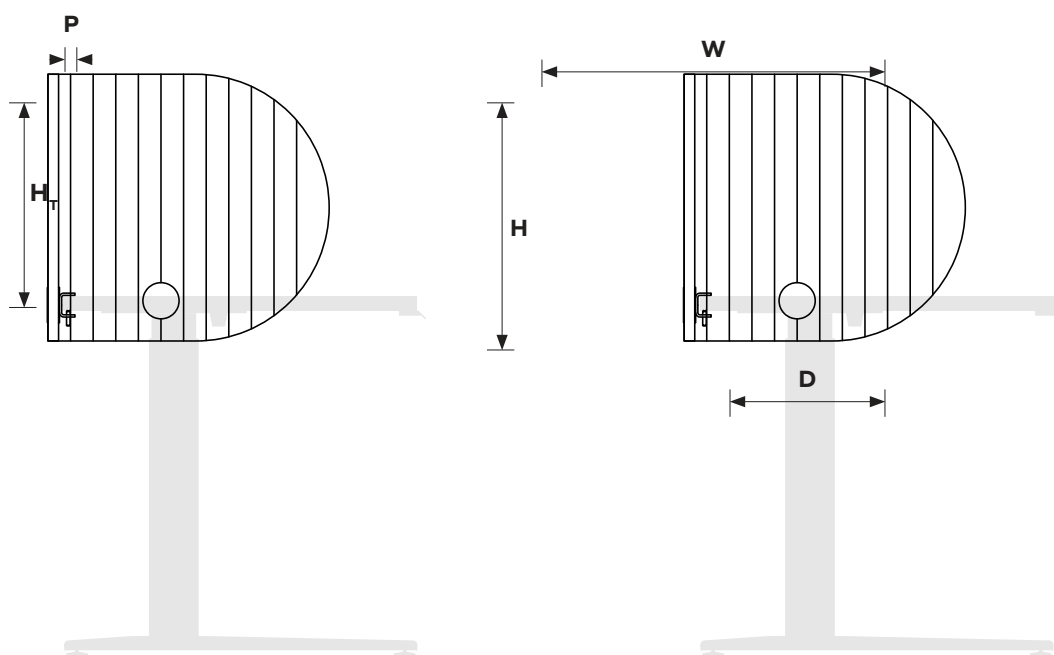
- 24mm Full Moon 1180mm x 590mm
- 24mm Full Moon 1400mm x 590mm
- 24mm Full Moon 1600mm x 590mm

Half Moon

Custom solutions available

Geometry Information

Half Moon Left Desk Division 745.24.70.000.00



Dimensions table¹

| | | | |
|----------------------|--------------------|--------|---------|
| 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 " |

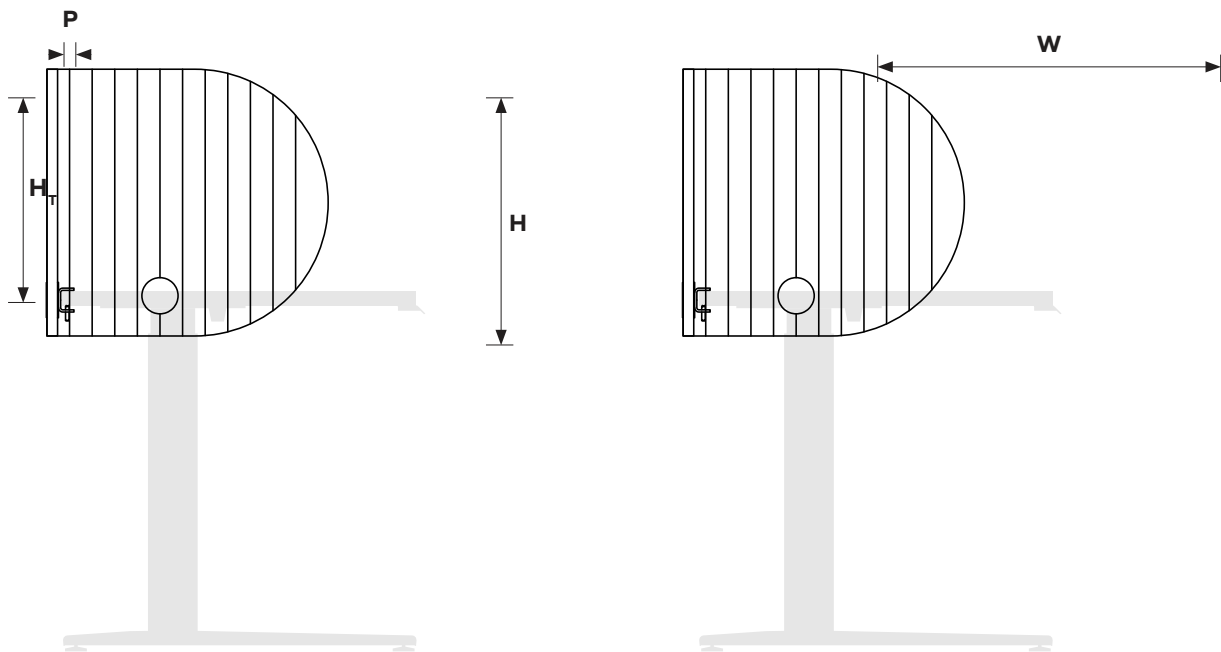
1 - all dimensions are nominal

Half Moon

Custom solutions available

Geometry Information

Half Moon Right Desk Division 745.24.71.000.00



Dimensions table¹

| | | | |
|----------------------|--------------------|--------|---------|
| 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

Half Moon

Acoustic Performance



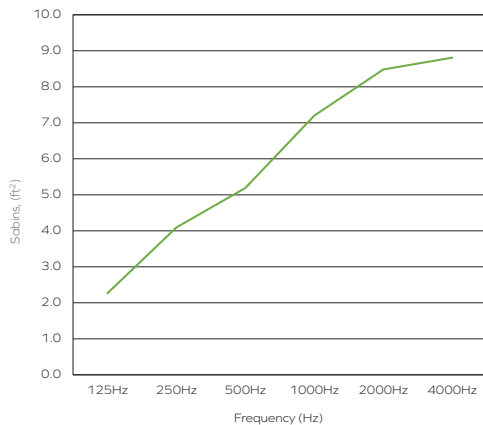
Testing Standards

| | |
|----------------|---|
| 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 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.

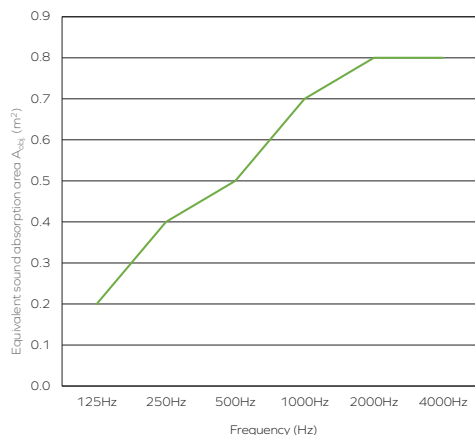


Acoustic Performance - ASTM Sabins, ft²

| 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 (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.

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



Acoustic Performance - ISO A_{obj}, m²

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

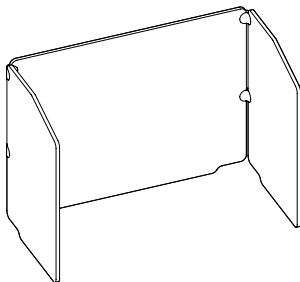
Murus

Available sets

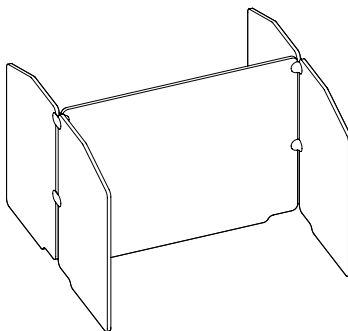
Custom solutions available

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

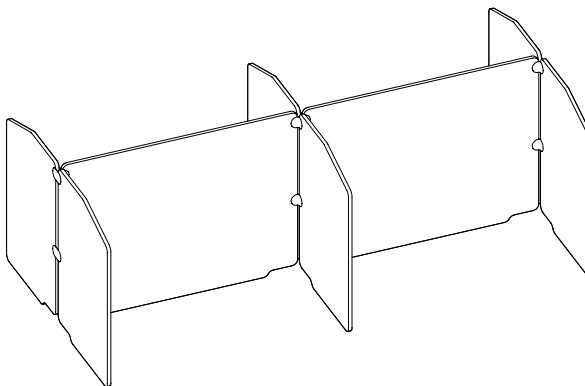
742.24.10.000.00 - Murus 1 desk set
H1180mm (H46.46")



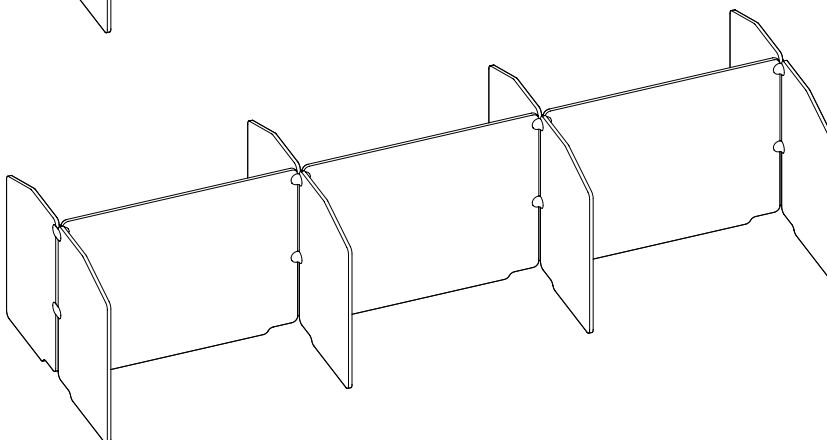
742.24.11.000.00 - Murus 2 desks set
H1180mm (H46.46")



742.24.12.000.00 - Murus 4 desks set
H1180mm (H46.46")

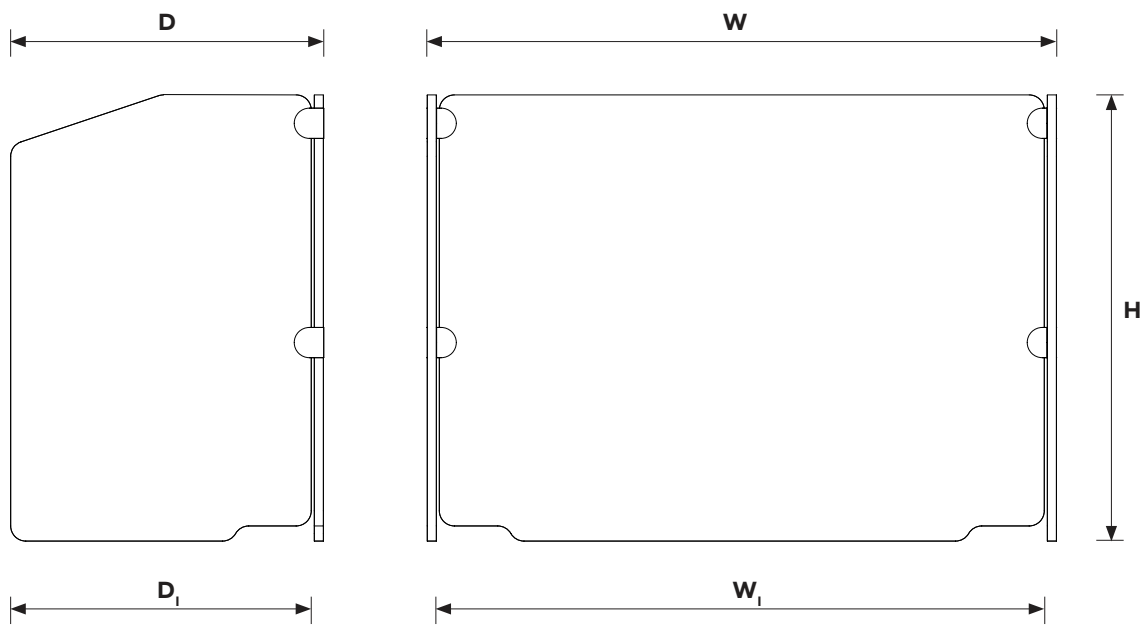


742.24.13.000.00 - Murus 6 desks set
H1180mm (H46.46")



Geometry Information

Murus Desk Division 742.24.10.000.00



Dimensions table¹

| | | | |
|----------------------|----------------|---------|--------|
| 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

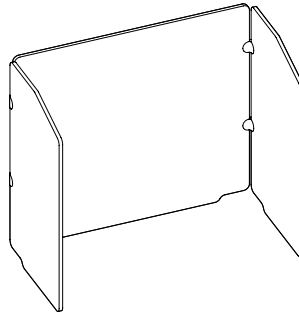
Murus

Custom solutions available

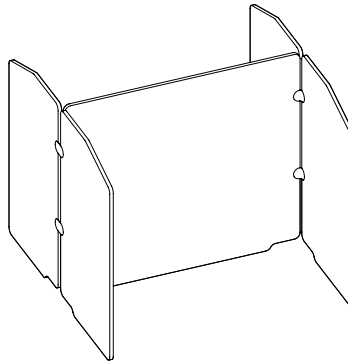
Available sets

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

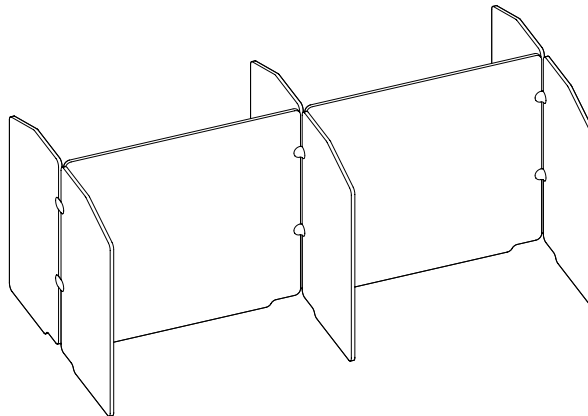
742.24.20.000.00 - Murus 1 desk set
H1420mm (H55.90")



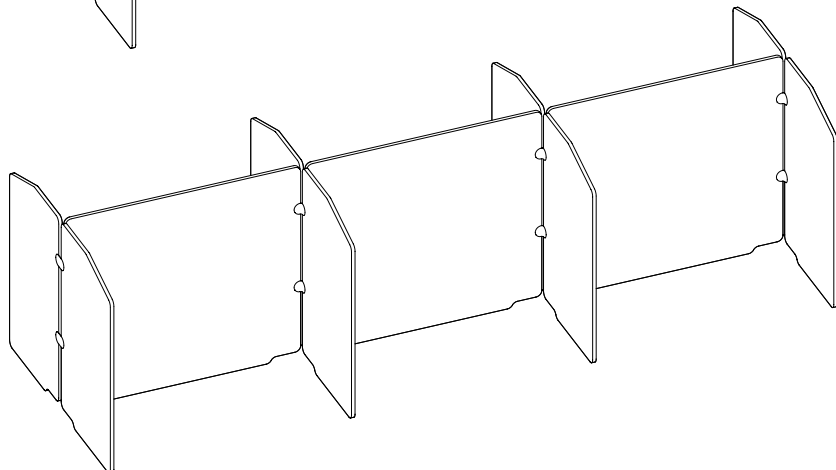
742.24.21.000.00 - Murus 2 desks set
H1420mm (H55.90")



742.24.22.000.00 - Murus 4 desks set
H1420mm (H55.90")

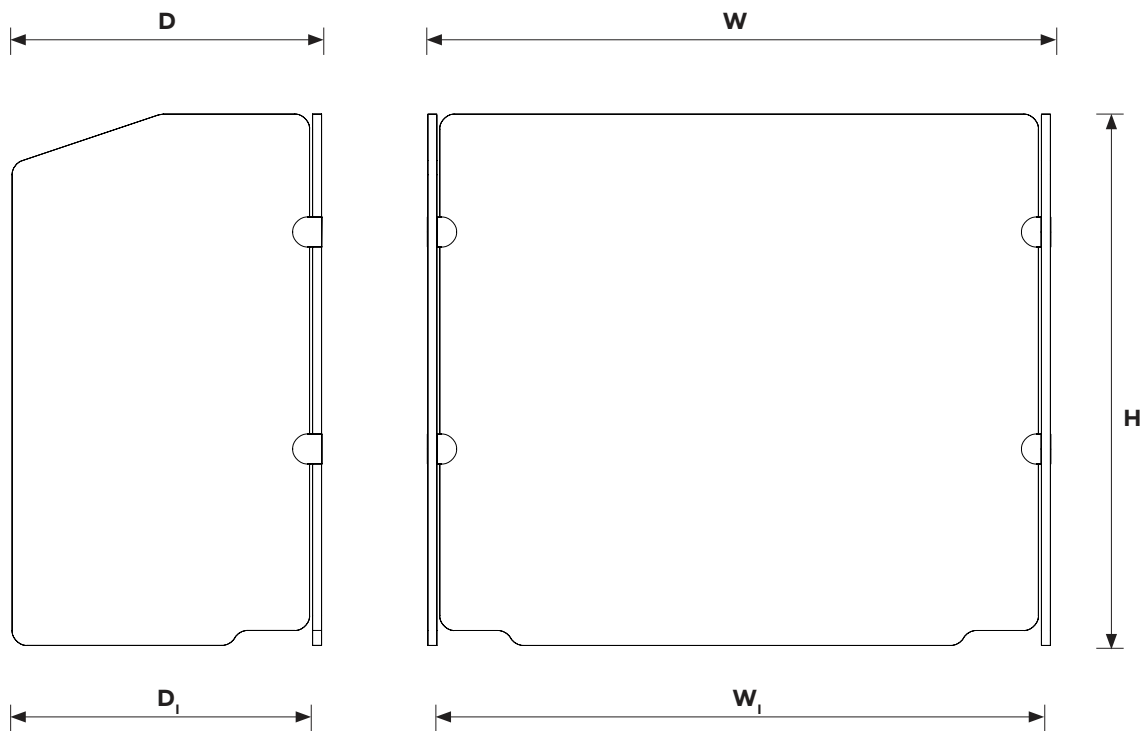


742.24.23.000.00 - Murus 6 desks set
H1420mm (H55.90")



Geometry Information

Murus Desk Division 742.24.20.000.00



Dimensions table¹

| | | | |
|----------------------|----------------|---------|--------|
| 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

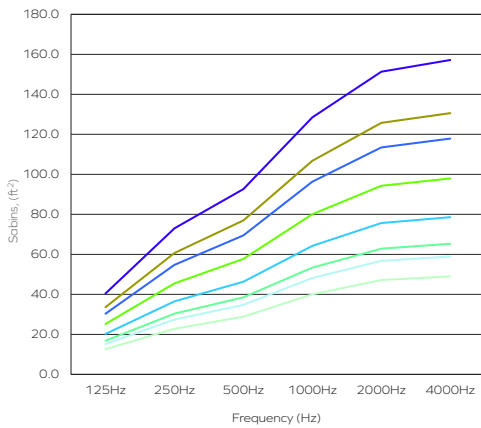
Murus

Acoustic Performance



Testing Standards

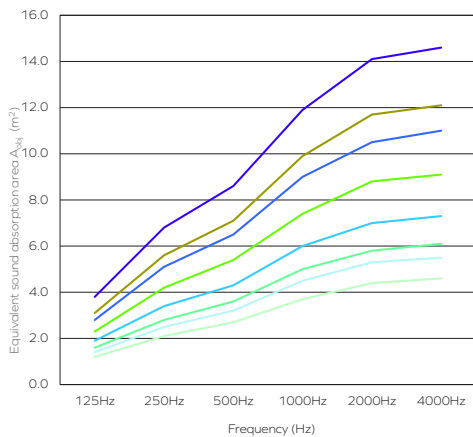
| | |
|----------------|---|
| ISO 354:2003 | Acoustics — Measurement of sound absorption in a reverberation room |
| ISO 11654:1997 | Acoustics — Sound absorbers for use in buildings — Rating of sound absorption |
| ISO 20189:2018 | Acoustics — Screens, furniture and single objects intended for interior 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 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 (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 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 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 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 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.










ARCHISONIC® Felt Colours

 Material brochure available

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----------|
|  |  |  |  |  |  |  |  |  | |
| Name | Snow White | Milk | Cloud | Gull | Smoke | Ground | Charcoal | Slate | Raven |
| Code | 500 | 404 | 103 | 144 | 442 | 108 | 542 | 444 | 550 |
| NCS | S 0300-N | S 0502-Y | S 1002-B | S2502-Y | S 3005-R80B | S 5005-Y20R | S 7502-B | S 4500-N | S 8500-N |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|-----------|
|  |  |  |  |  |  |  |  |  | |
| Name | Nordic Pine | Grove | Fern | Moss | Spearmint | Ice Blue | Succulent | Deep Sea | True Navy |
| Code | 311 | 317 | 180 | 439 | 706 | 304 | 712 | 918 | 194 |
| NCS | S 5030-G10Y | S 7020-G30Y | S6010-G90Y | S 2040-G40Y | S 1010-B90G | S 0510-B | S 3020-B30G | S 5020-R90B | S8005-B |

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-------------|
|  |  |  |  |  |  |  |  |  | |
| Name | Lichen | Linen | Shell Pink | Jute | Warm Stone | Terracotta | Soft Coral | Honeycomb | Sunshine |
| Code | 160 | 107 | 102 | 920 | 105 | 239 | 516 | 139 | 846 |
| NCS | S4005-Y | S 1505-Y30R | S 0510-R30B | S 3010-Y30R | S 3010-Y50R | S 4040-Y70R | S 2020-Y90R | S 2050-Y20R | S 1040-Y10R |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|-------------|
|  |  |  |  |  |  |  |  |  | |
| Name | Garnet | Hot Pink | Poster Red | Electric Orange | Winter Sky | Pacific Ocean | Midnight | Grape | Marine Blue |
| Code | 724 | 140 | 662 | 464 | 410 | 432 | 810 | 540 | 864 |
| NCS | S 5040-R10B | S 2060-R20B | S 1080-R | S 0580-Y70R | S 2020-R90 B | S 3040-B | S 7020-R70B | S 5040-R40B | S 4050-R70B |

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

ARCHISONIC®

Colours

Experience our ARCHISONIC® Felt material with a stunning selection of 36 colours across 8 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 | 36 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, Climmate-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



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



Spec sheets and
Installation Guide



Colour families



Instruction
videos



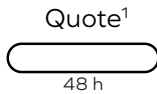
Associated
products specs.

Ordering Process

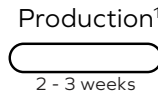
Our experienced team of Project Consultants will guide and support you throughout the order process. We fulfill the majority of our orders in as little as 21 days¹ from your first point of contact, allowing you to focus on what truly matters to you.



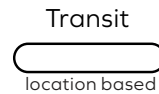
Contact our
consultant



Order Confirmation



Dispatch



Delivery

Contact Us

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



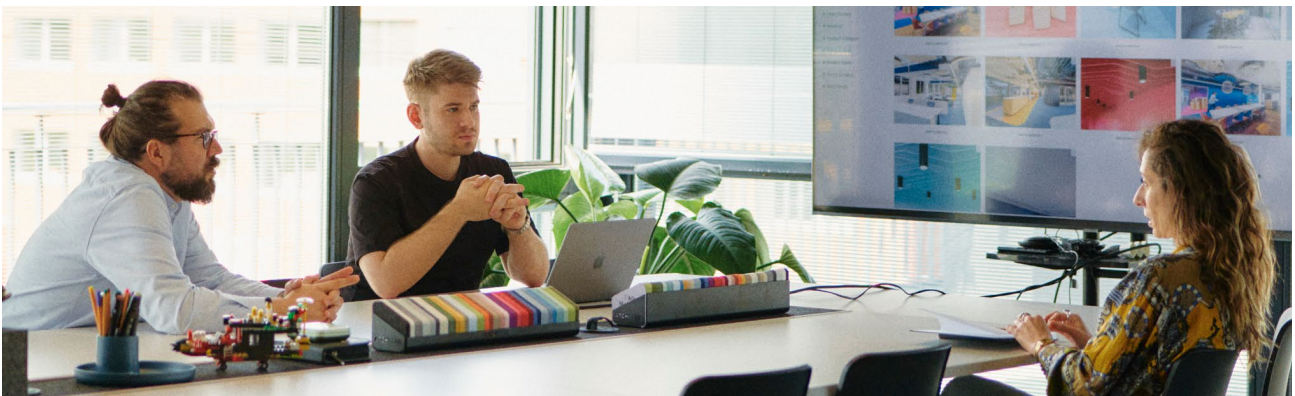
+41 41 244 14 00



connect@impactacoustic.com



Online form



¹ - Quote and Production times may vary.

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Impact**

connect@impactacoustic.com | www.impactacoustic.com