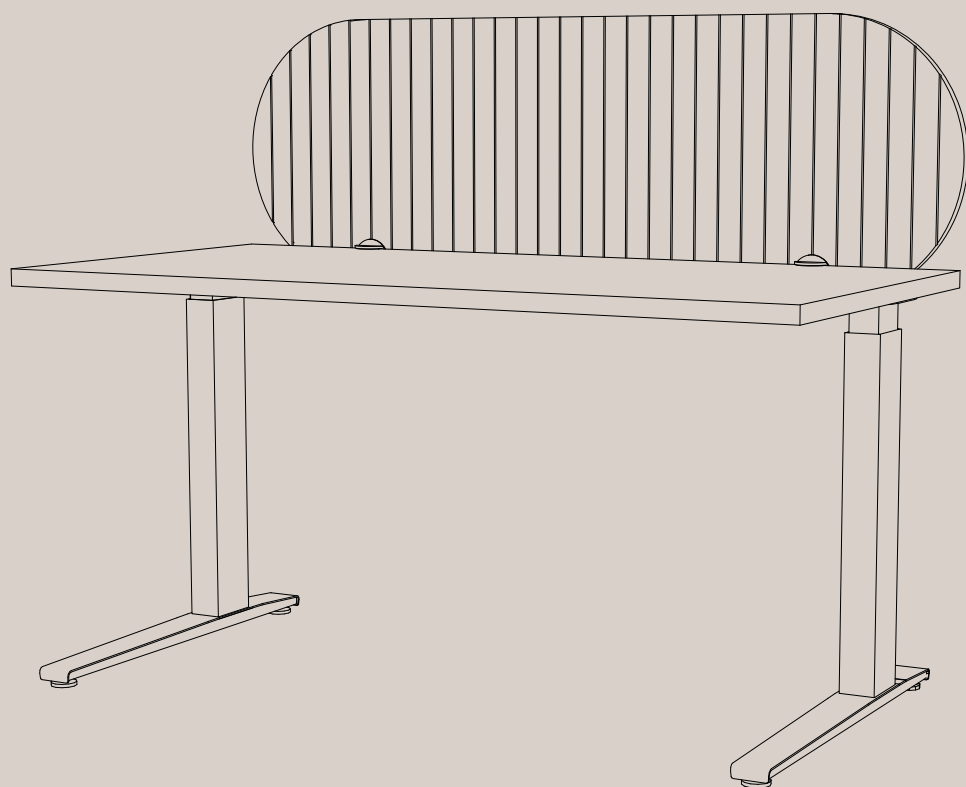


IMPACT ACOUSTIC®



# Full Moon Desk Division

745.24.60.000.00

745.24.61.000.00

745.24.62.000.00

TECHNICAL DATA SHEET

# Full Moon Desk Division

## General Information



### Data

#### Applicable article numbers

745.24.60.000.00

745.24.61.000.00

745.24.62.000.00

#### Dimensions<sup>1</sup>

Width	1180 mm	46.46"	1180 mm	46.46"	1600 mm	62.99"
Height	450 mm	17.72"	450 mm	17.72"	450 mm	17.72"
Panel thickness	12 mm	0.94"	12 mm	0.47"	12	0.47"

#### Material

PET Panel	100% PET (60% post-consumer) in 32 colors
Adapter	Steel (powder coated black)



Extended document available

#### Weight<sup>2</sup>

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

### Included

Acoustic  
panel



Adapter  
(2x)



Assembly  
guide



Warranty  
2 years<sup>3</sup>



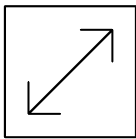
1 - all dimensions are nominal    2 - all weight values are nominal    3 - Impact Acoustic warranty terms apply

# Full Moon 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



Color



Pattern

### 2 Article numbers:

Item	Material	Size option	Color	Pattern
745	12 mm	Choose size	Choose color	Choose pattern

**Example: 745.24.60.662.00**

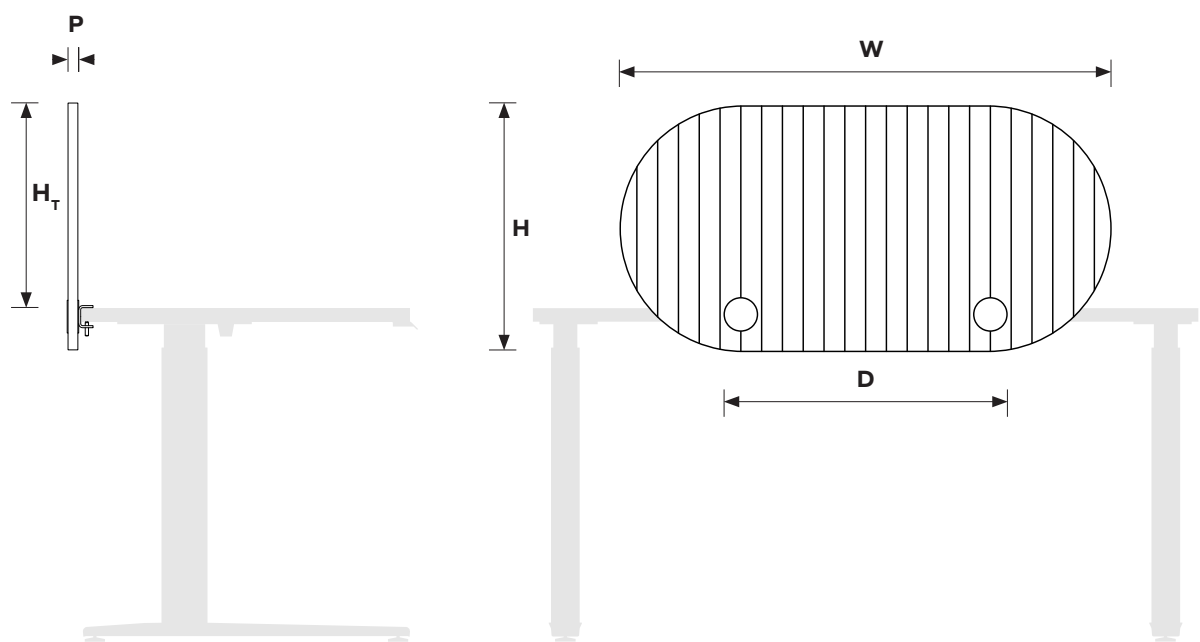
Desk Dividers - Full Moon, 24 mm 1180 x 480 - 662 - Poster Red

# Full Moon Desk Division

## Geometry Information

Custom solutions available

Full Moon Desk Division 745.24.60.000.00



Dimensions table<sup>1</sup>

<b>W</b>	Total width	1180 mm	46.46"
<b>H</b>	Total height	590 mm	23.23"
<b>H<sub>T</sub></b>	Height above table	480 mm	18.90"
<b>P</b>	Material thickness	24 mm	0.94"
<b>D</b>	Distance	600 mm	23.62"

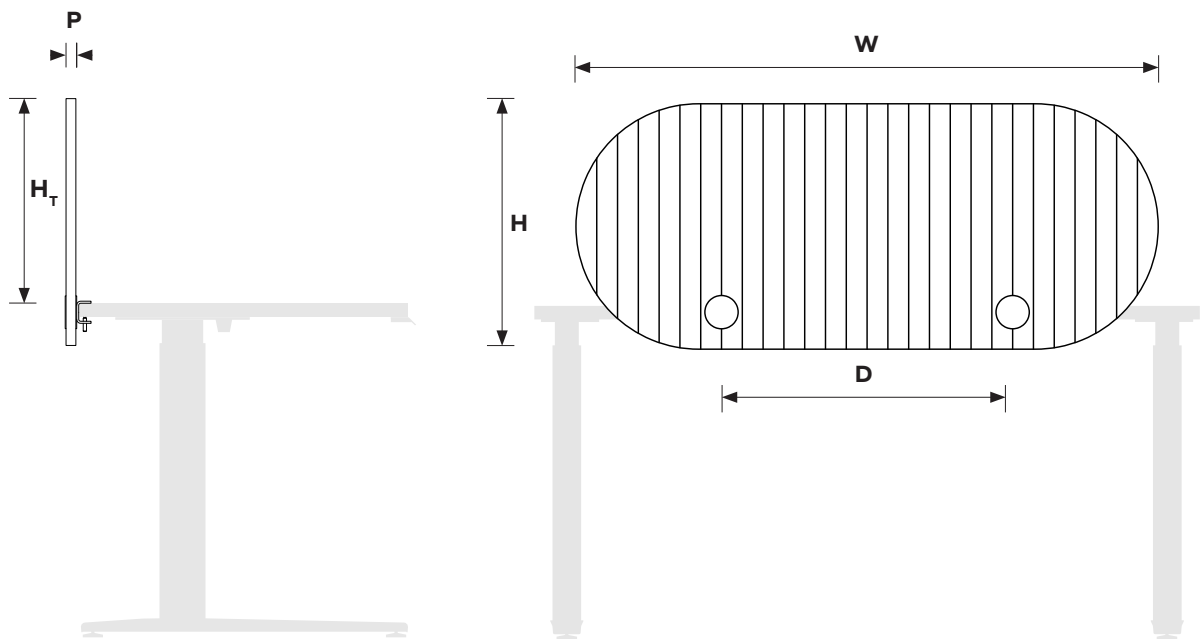
<sup>1</sup> - all dimensions are nominal

# Full Moon Desk Division

## Geometry Information

Custom solutions available

Full Moon Desk Division 745.24.61.000.00



Dimensions table<sup>1</sup>

<b>W</b>	Total width	1400 mm	55.12"
<b>H</b>	Total height	590 mm	23.23"
<b>H<sub>T</sub></b>	Height above table	480 mm	18.90"
<b>P</b>	Material thickness	24 mm	0.94"
<b>D</b>	Distance	700 mm	27.56"

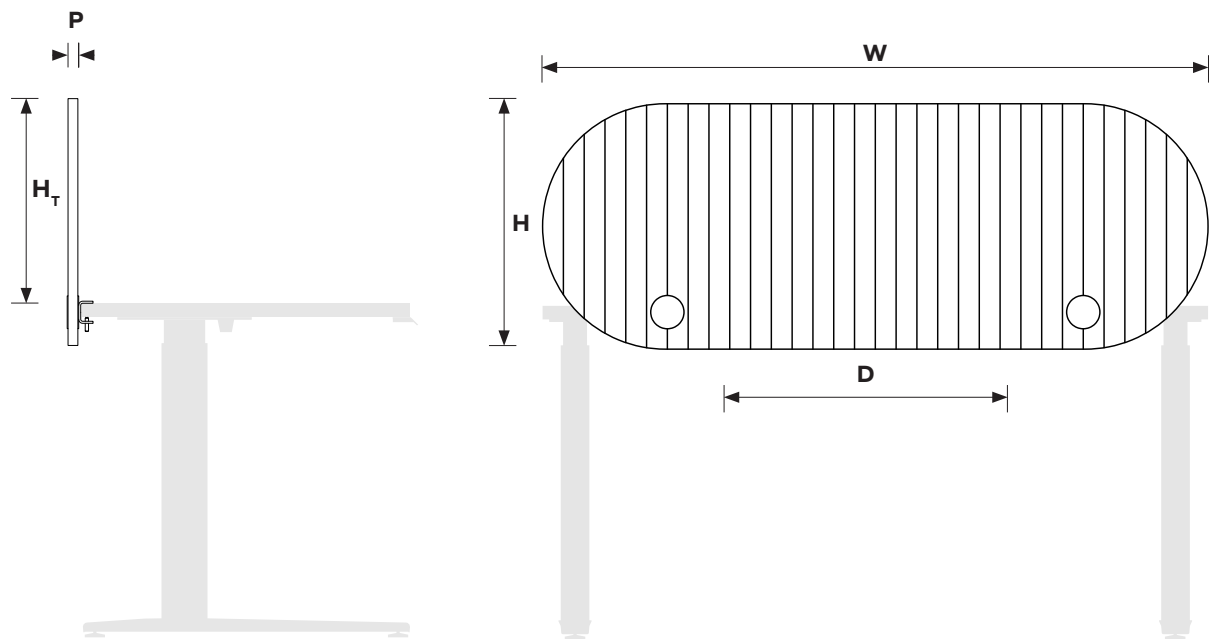
<sup>1</sup> - all dimensions are nominal

# Full Moon Desk Division

## Geometry Information

Custom solutions available

Full Moon Desk Division 745.24.62.000.00



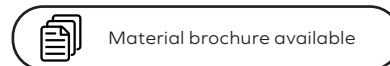
Dimensions table<sup>1</sup>

<b>W</b>	Total width	1600 mm	62.99"
<b>H</b>	Total height	590 mm	23.23"
<b>H<sub>T</sub></b>	Height above table	480 mm	18.90"
<b>P</b>	Material thickness	24 mm	0.94"
<b>D</b>	Distance	1000 mm	39.37"

<sup>1</sup> - all dimensions are nominal

# ARCHISONIC®

## Colors



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

<b>Name</b>	Nordic Pine	Grove	Moss	Spearment	Ice Blue	Succulent	Deep Sea	Marine Blue
<b>Color Code</b>	311	317	439	706	304	712	918	864
<b>NCS Code</b>	S 5030-G10Y	S 7020-G30Y	S 2040-G40Y	S 1010-B90G	S 0510-B	S 3020-B30G	S 5020-R90B	S 4050-R70B

<b>Name</b>	Linen	Shell Pink	Jute	Warm Stone	Terracotta	Soft Coral	Honeycomb	Sunshine
<b>Color Code</b>	107	102	920	105	239	516	139	846
<b>NCS Code</b>	S 1505-Y30R	S 0510-R30B	S 3010-Y30R	S 3010-Y50R	S 4040-Y70R	S 2020-Y90R	S 2050-Y20R	S 1040-Y10R

<b>Name</b>	Garnet	Hot Pink	Poster Red	Electric Orange	Winter Sky	Pacific Ocean	Midnight	Grape
<b>Color Code</b>	724	140	662	464	311	432	810	540
<b>NCS Code</b>	S 5040-R10B	S 2060-R20B	S 1080-R	S 0580-Y70R	S 5030-G10Y	S 3040-B	S 7020-R70B	S 5040-R40B

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

ARCHISONIC®

## Colors

Experience our ARCHISONIC® Felt material with a stunning selection of 32 colors across 8 distinct families, thoughtfully curated by *Colour Hive* in London. Effortlessly combine colors harmoniously to suit your preferences. Discover more in our Materials brochure and order your free sample box today.

## Color fastness

Class 6

ISO 105-B02:A1

## Order a free sample box



# ARCHISONIC® Felt

## Material Specification

<b>Product Name</b>	Archisonic® Felt	
<b>Content</b>	100% PET (60% certified post-consumer content)	
<b>Thickness<sup>1</sup></b>	12mm (0.47")	24mm (0.94")
<b>Max. Size</b>	1200x2800mm (47"x110")	1800x2400mm (70"x94")
<b>Acoustic<sup>2</sup></b>	<b>ASTM:</b> NRC=0.6 <b>ISO:</b> $\alpha_w$ =0.65	<b>ASTM:</b> NRC=0.9 <b>ISO:</b> $\alpha_w$ =0.95
<b>Density<sup>1</sup></b>	2400 g/m <sup>2</sup> (0.49 lbs/ sqft)	4000 g/m <sup>2</sup> (0.82 lbs/sqft)
<b>Color Fastness</b>	<b>Class 6</b> ISO 105-B02:A1	
<b>Color</b>	<b>32 colors</b> (see Archisonic® Felt Color page for more information)	
<b>Maintenance</b>	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.	
<b>Lead time<sup>3</sup></b>	21 days	
<b>Fire Rating</b>	DIN EN 13501-1: <b>B-s1, d0</b>	ASTM E84 <b>Class A</b>
<b>VOC Emission</b>	28 Days French Regulation <b>A+</b> ASTM E84 <b>Pass</b> Breeam® (International, UK, NL, SE, NOR) <b>Exemplary</b> CDPH (CDPH/EHLB/Standard Method V1.2) <b>Pass</b>	
<b>Certifications</b>	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	
<b>Durability</b>	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





# Full Moon Desk Division

## Acoustic Performance



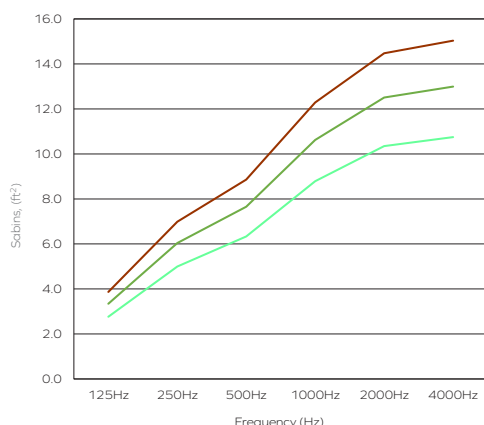
### Testing Standards

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

### Acoustic Test Results

	$\alpha_w$	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.

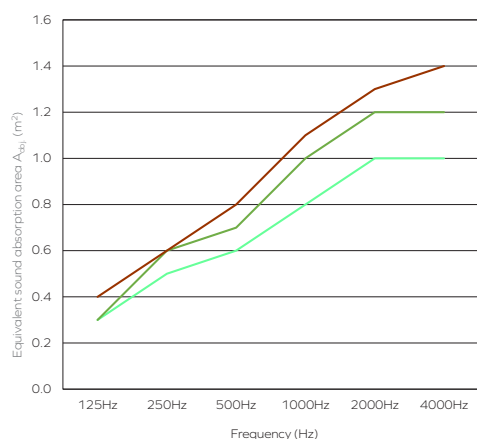


### Acoustic Performance - ASTM Sabins , ft<sup>2</sup>

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<sup>2</sup>) 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 $A_{obj}$ , m<sup>2</sup>

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

# Full Moon Desk Division

## Reference Projects





# Full Moon 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



Color 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 days<sup>1</sup> from your first point of contact, allowing you to focus on what truly matters to you.



Contact our  
consultant

Quote<sup>1</sup>

48 h



Order Confirmation

Production<sup>1</sup>

2 - 3 weeks



Dispatch

Transit

location based



Delivery

### Contact Us

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



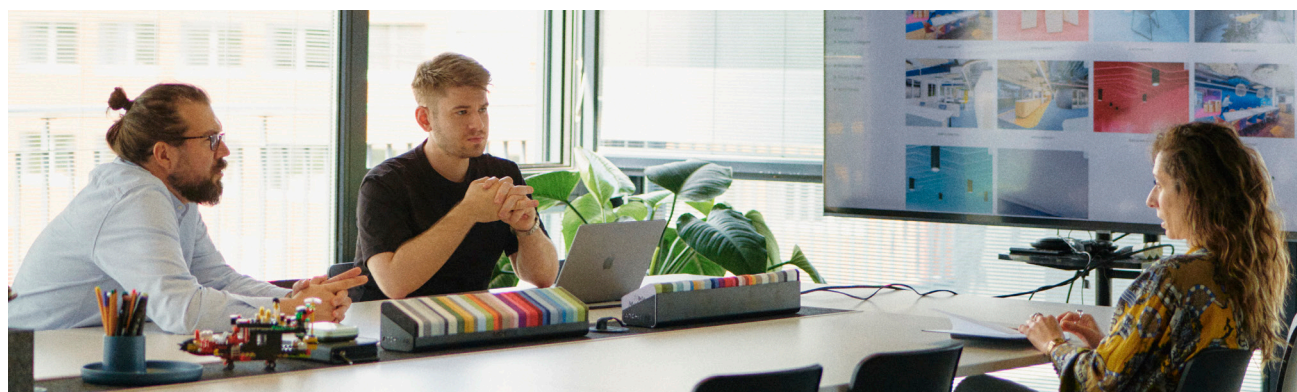
+41 41 566 55 55



connect@impactacoustic.com



Online form



<sup>1</sup> - Quote and Production times may vary.

**IMPACT ACOUSTIC®**  
Full Moon 1180x450 rev.01 - 12.01.24

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