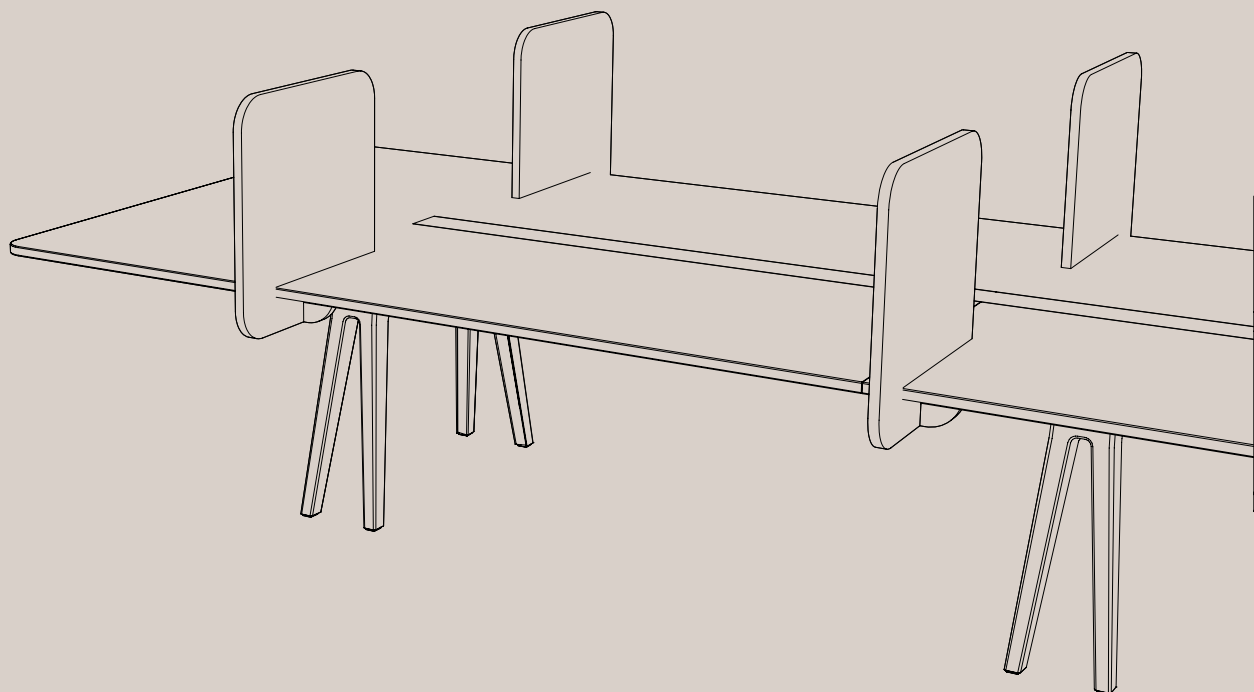


IMPACT ACOUSTIC®



Moby

Desk Division

745.24.82.000.00

745.24.83.000.00

TECHNICAL DATA SHEET

Moby Desk Division

General Information



Data

Applicable article numbers

745.24.82.000.00

745.24.83.000.00

Dimensions¹

	Moby S Desk Divider		Moby L Desk Divider	
Width	595 mm	23.4"	595 mm	23.4"
Height	592 mm	23.3"	792 mm	31.2"
Panel thickness	24 mm	0.95"	24 mm	0.95"

Material

PET Panel

100% PET (60% post-consumer) in 36 colours



Extended document available

Weight²

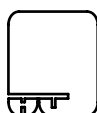
PET Panel

4kg/m2 (±10%)

0.82 lbs/ft2 (±10%)

Included

Acoustic panel



Assembly guide



Warranty 2 years³



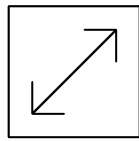
¹ - all dimensions are nominal ² - all weight values are nominal ³ - Impact Acoustic warranty terms apply

Moby 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

2 Article numbers:

Item	Material	Size option	Colour
	24mm	Choose size	Choose colour

Example: 745.24.83.000.00

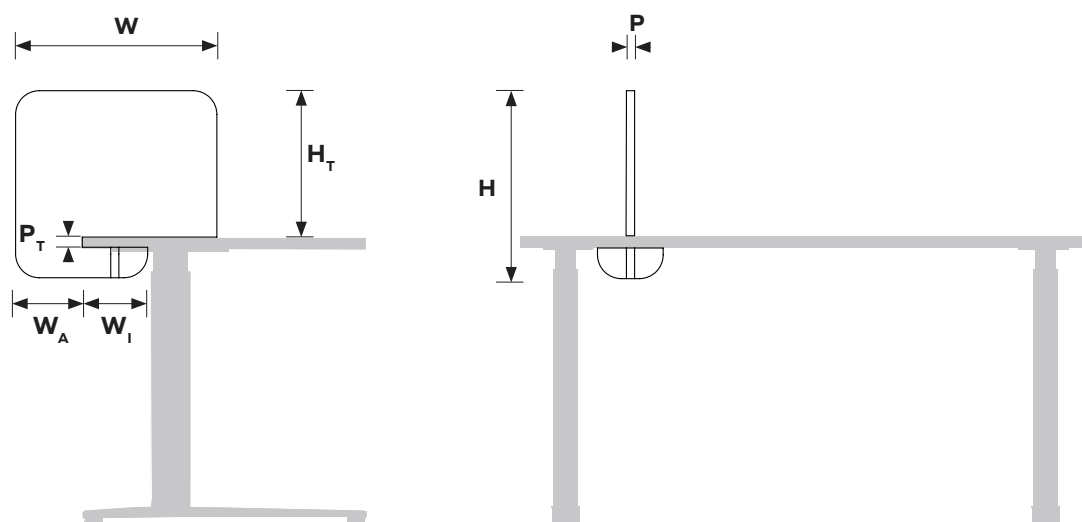
Moby L Desk Divider - 24 mm 595 x 792 - 662 - Poster Red
Pattern

Moby Desk Division

Geometry Information

Custom solutions available

Moby S Desk Division 745.24.82.000.00



Dimensions table¹

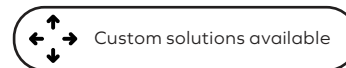
W	Total width	595 mm	23.4"
W_A	Width above table	139mm	5.5"
W_I	Inserted width on table	236mm	9.3"
H	Total height	592 mm	23.3"
H_T	Height above table	471 mm	18.5"
P	Material thickness	24 mm	0.95"
P_T	Table thickness	24mm	0.95"

Our products are compatible with different table thicknesses. For more information, please contact our sales project manager.

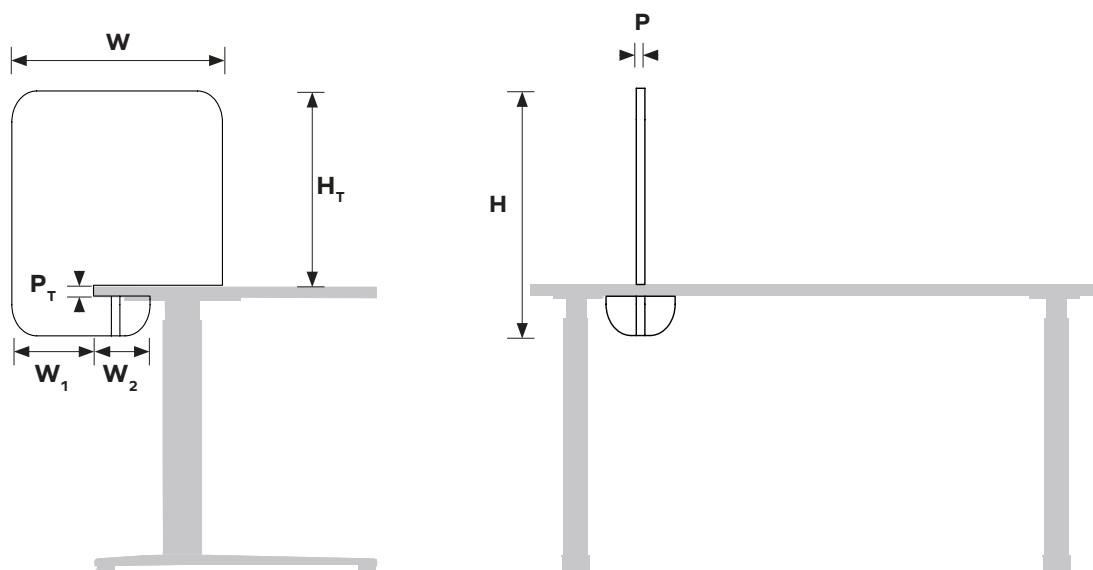
¹ - all dimensions are nominal

Moby Desk Division

Geometry Information



Moby L Desk Division 745.24.83.000.00




Dimensions table¹









W	Total width	595 mm	23.4"
W_A	Width above table	193mm	5.5
W_I	Inserted width on table	221	8.36
H	Total height	792 mm	31.2"
H_T	Height above table	639 mm	25.2"
P	Material thickness	24 mm	0.95"
P_T	Table thickness	24mm	0.95"








Our products are compatible with different table thicknesses. For more information, please contact our sales project manager.

¹ - all dimensions are nominal










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	24mm (0.94")	
Max. Size	1800x2400mm (70"x94")	
Acoustic²	ASTM: NRC=0.9 ISO: α_w =0.95	
Density¹	4000 g/m ² (0.82 lbs/sqft)	
Colour Fastness	Class 6 ISO 105-B02:A1	
Colours and finishes	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.	
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 Bream® (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



Declare.



Moby Desk Division

Acoustic Performance



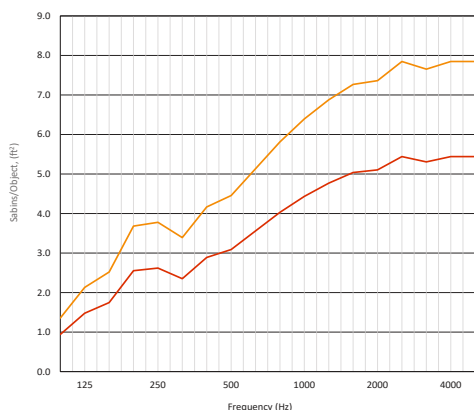
Testing Standards

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

	α_w	SAA	NRC
24mm ARCHISONIC® Panel 1800x2400mm (Plain)	0.55 (H)	0.57	0.55

Measurement used Pink Noise as excitation signal in a reverberant room. The panel was tested while suspended freely at the center of the testing facility.

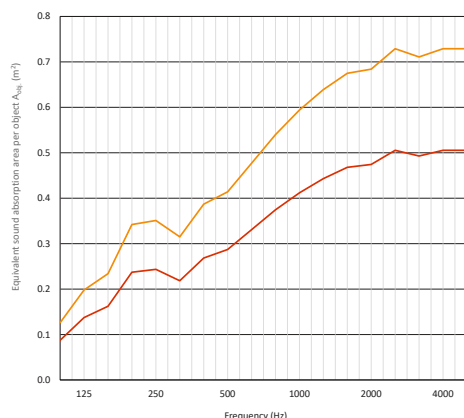


Acoustic Performance - ASTM Sabins, ft²

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Moby S Desk Divider	1.08	2.15	3.23	4.31	5.38	5.38
24mm Moby L Desk Divider	2.15	3.23	4.31	6.46	7.53	7.53

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 Moby S Desk Divider
- 24mm Moby L Desk Divider



Acoustic Performance - ISO A_{obj} , m²

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Moby S Desk Divider	0.1	0.2	0.3	0.4	0.5	0.5
24mm Moby L Desk Divider	0.2	0.3	0.4	0.6	0.7	0.7

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 Moby S Desk Divider
- 24mm Moby L Desk Divider

Moby 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

Quote¹

48 h



Order Confirmation

Production¹

2 - 3 weeks



Dispatch

Transit

location based



Delivery

Contact Us

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



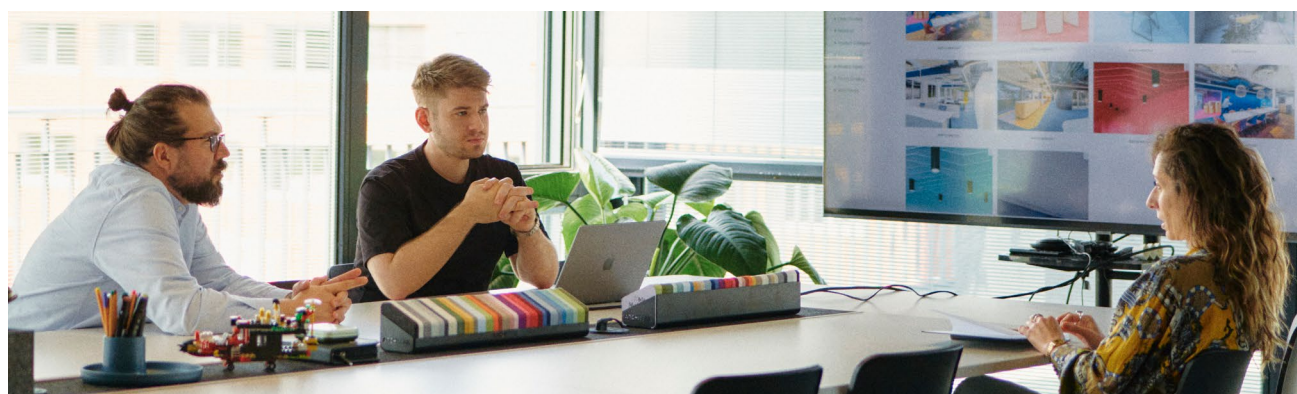
+41 41 244 14 00



connect@impactacoustic.com



Online form



¹ - Quote and Production times may vary.

IMPACT ACOUSTIC®
Moby Desk Division rev.01 - 14.08.25

(Switzerland)
(USA)
(Philippines)

connect@impactacoustic.com
usa@impactacoustic.com
philippines@impactacoustic.com

(+41) 41 244 14 00
(+1) 619 378 2100
(+63) 285 80 02 50

#WeMakeAnImpact

**#We
Make An
Impact**

connect@impactacoustic.com | www.impactacoustic.com