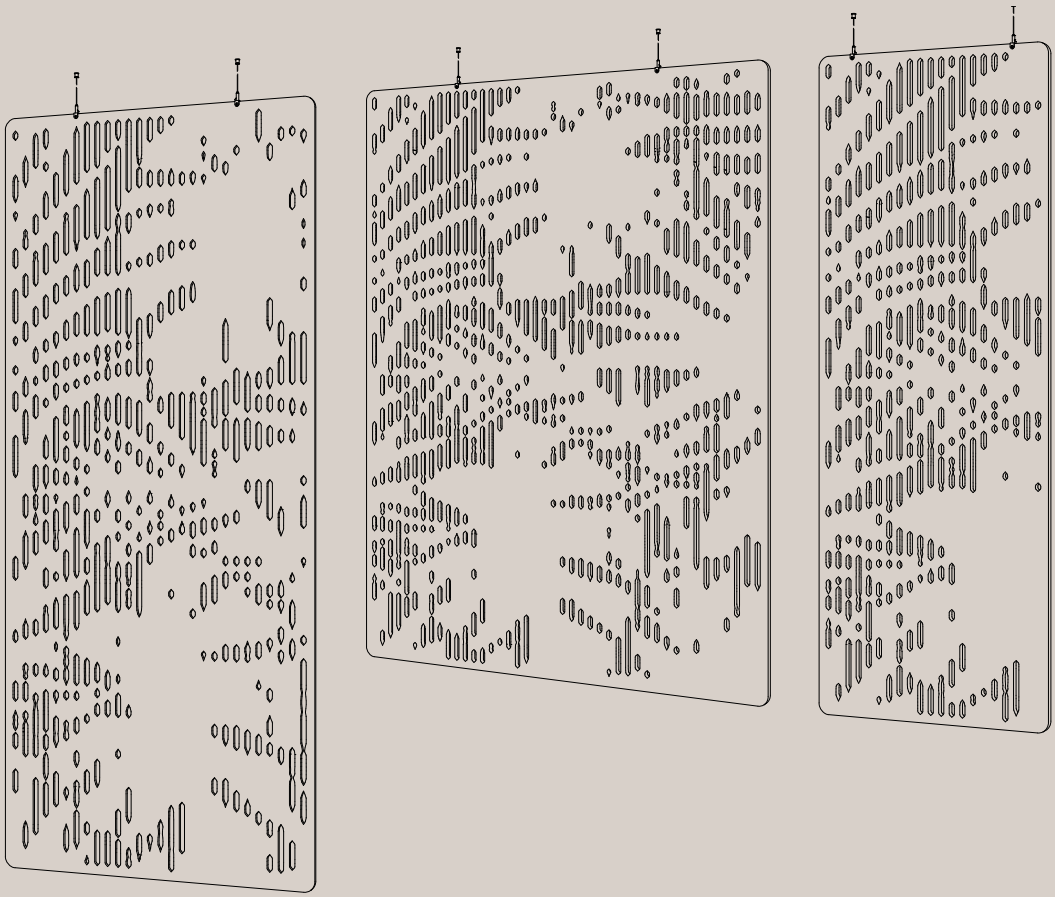
IMPACT ACOUSTIC®

HABITAT MATTER
habitatmatter.com
spec@habitatmatter.com



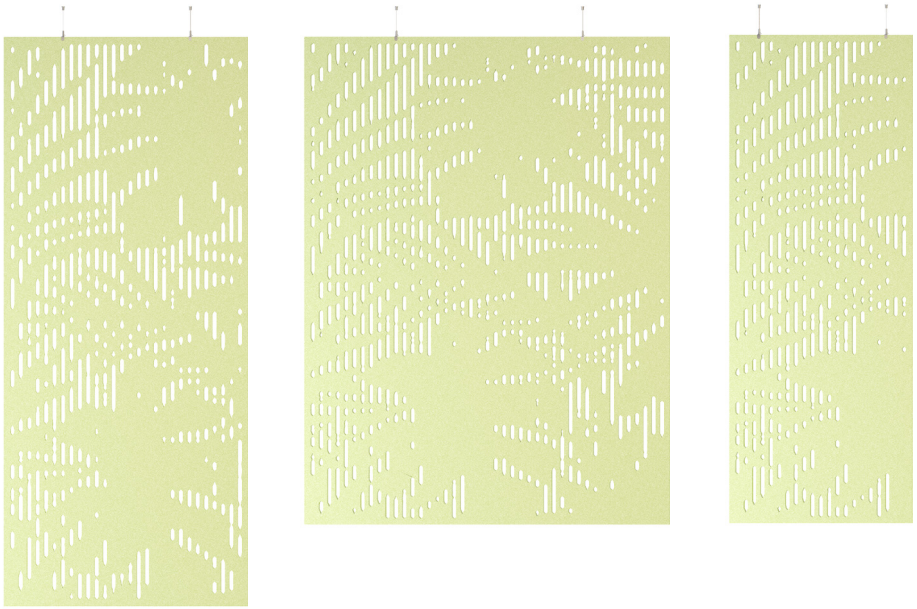
# Jungle
## Hanging Division

741.12.39.000.00
741.12.39.000.01
741.12.39.000.02
741.12.39.000.03
741.24.40.000.00
741.24.40.000.01
741.24.40.000.02
741.24.41.000.00
741.24.41.000.01
741.24.41.000.02
741.24.41.000.03
741.24.41.000.04
741.24.41.000.05

TECHNICAL DATA SHEET

HABITAT MATTER
habitatmatter.com
spec@habitatmatter.com

# Jungle Hanging Division
## General Information



## Data

**Applicable article numbers**

**TALL** 741.12.39.000.00-03 **LARGE** 741.24.40.000.00-02 **SMALL** 741.24.41.000.00-05

**Dimensions**[1]

| | | | | | | |
|---|---|---|---|---|---|---|
| Height | 2800 mm | 110″ | 2400 mm | 95″ | 2400 mm | 95″ |
| Width | 1200 mm | 47″ | 1800 mm | 71″ | 900 mm | 35″ |
| Thickness | 12 mm | 0.5″ | 24 mm | 0.9″ | 24 mm | 0.9″ |

**Material**

| | |
|---|---|
| Panel | 100% PET (60% post-consumer) in 32 colors |
| Suspension Kit | Stainless steel |

Extended document available

**Weight**[2]

| | | |
|---|---|---|
| PET Panel 24mm (0.95″) | 4 kg/m2 | 0.82 lbs/sq.ft |
| PET Panel 12mm (0.47″) | 2.4 kg/m2 | 0.49 lbs/sq.ft |

## Included

Panel



Suspension Kit



Installation guide



Warranty 2 years[3]



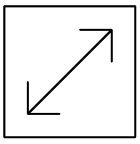
1 - all dimensions are nominal 2 - all weight values are nominal 3 - Impact Acoustic warranty terms apply

HABITAT
MATTER
habitatmatter.com
spec@habitatmatter.com

# Jungle Hanging Division
## Specification Guide

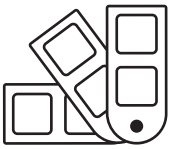
Ensure you make the perfect choice by choosing our solutions for your next project. To get started, simply define some basic information and constraints about your space. Then explore our range of standard solutions or contact us directly for a more in-depth discussion of personalised customized options.

## 1 Specify your product:



Size

page 4-6



Color

page 7



Pattern

page 5-6

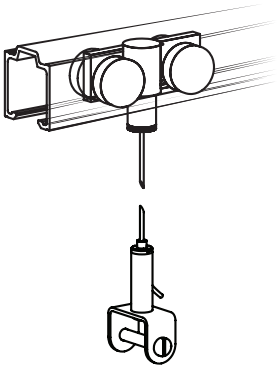
## 2 Verify installation method:



Suspension Kit
12mm



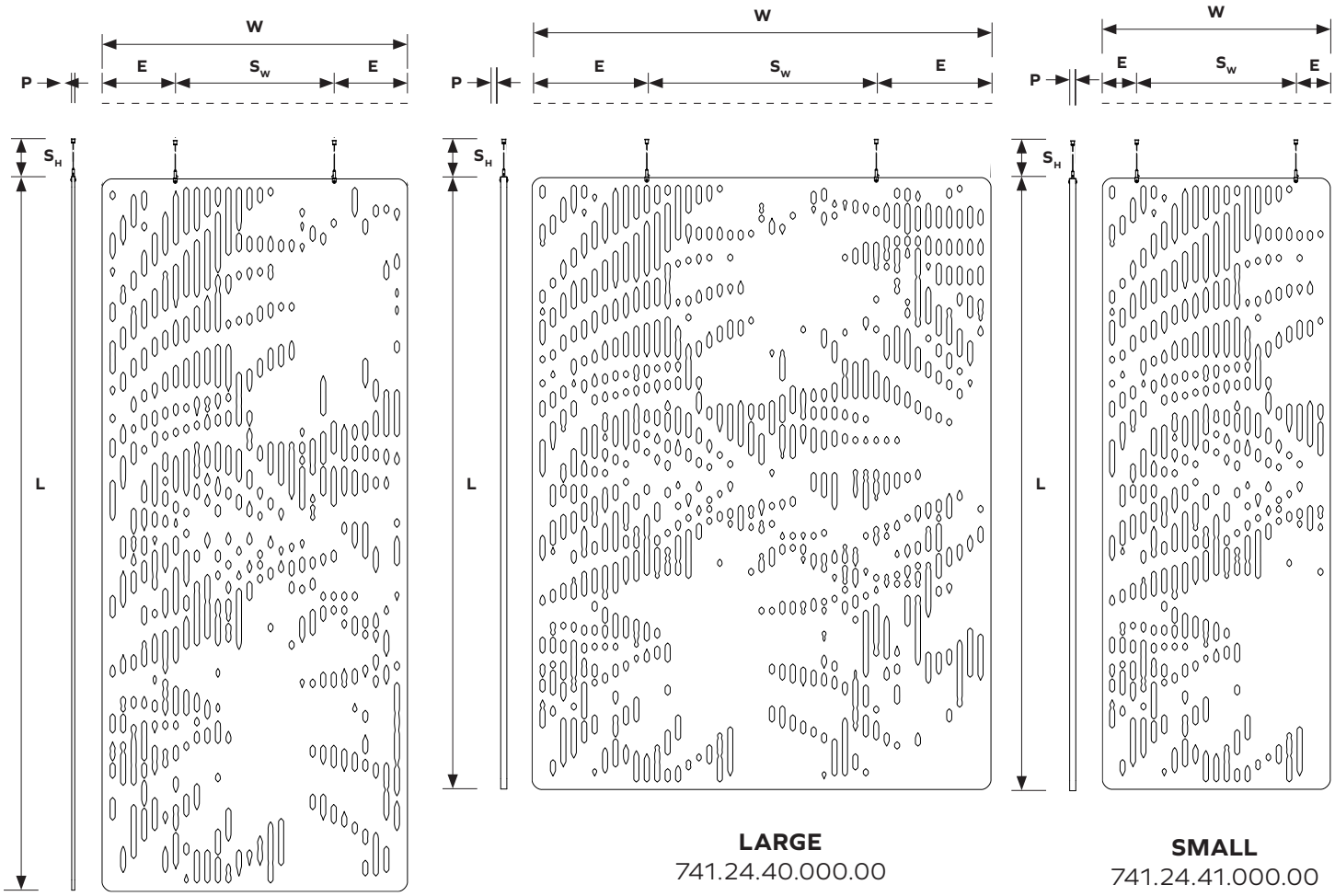
Suspension Kit
24mm



Curtain Slider
12mm and 24mm

HABITAT MATTER
habitatmatter.com
spec@habitatmatter.com

# Jungle Hanging Division
## Geometry Information




**TALL**
741.12.39.000.00

**LARGE**
741.24.40.000.00

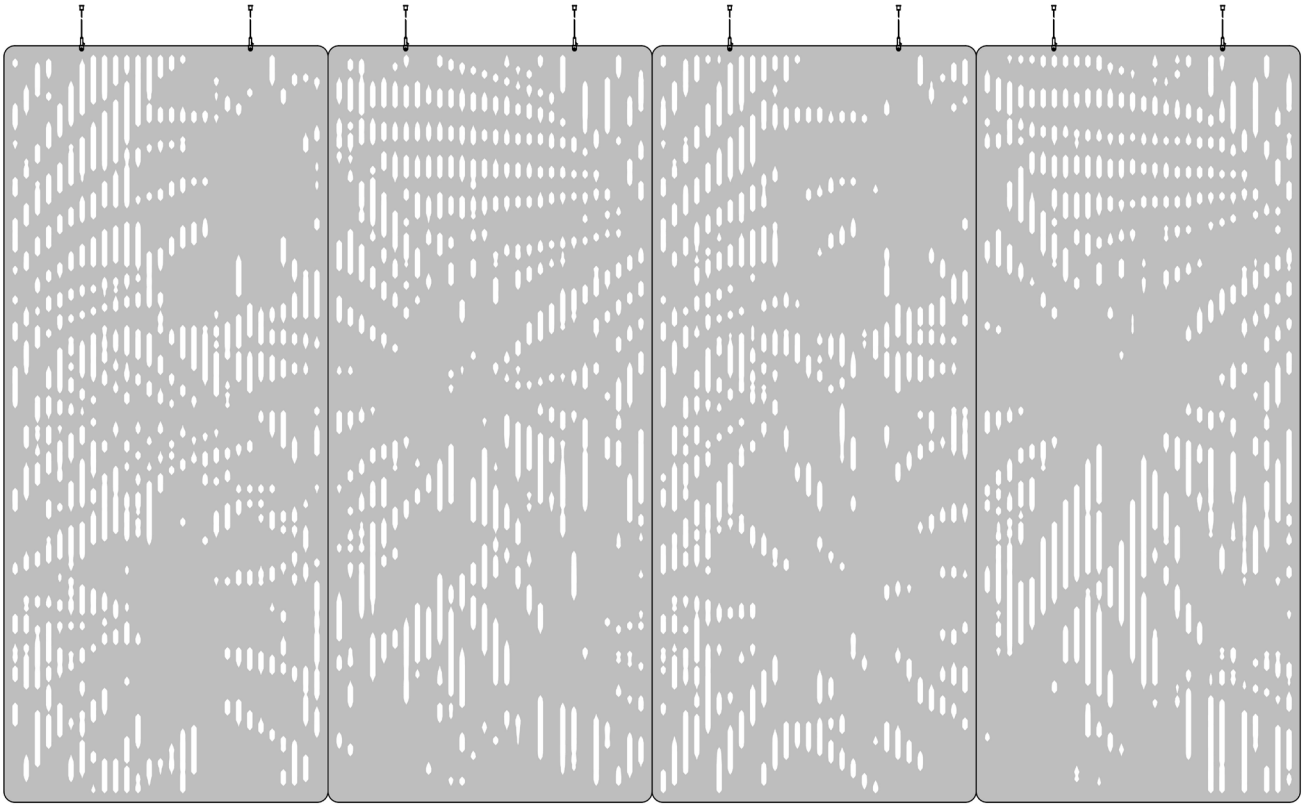
**SMALL**
741.24.41.000.00

| Dimensions | | TALL<br>741.12.39.000.00 | LARGE<br>741.24.40.000.00 | SMALL<br>741.24.41.000.00 |
|---|---|---|---|---|
| **W** | Total width | 1200 mm / 47.24” | 1800 mm / 70.87” | 900 mm / 35.43” |
| **L** | Total height | 2800 mm / 110.24” | 2400 mm / 94.49” | 2400 mm / 94.49” |
| **E** | Edge dimensions | 288 mm / 11.34” | 288 mm / 17.72” | 135 mm / 5.31” |
| **P** | PET material thickness | 12 mm / 0.47” | 24 mm / 0.94” | 24 mm / 0.94” |
| **$S_W$** | Support spacing width | 624 mm / 24.57” | 900 mm / 35.43” | 625 mm / 24.61” |
| **$S_H$** | Support spacing height | 1000 - 1500 mm / 39.37 - 59.06” | | |

HABITAT
MATTER
habitatmatter.com
spec@habitatmatter.com

# Jungle Hanging Division

## Additional patterns 12mm

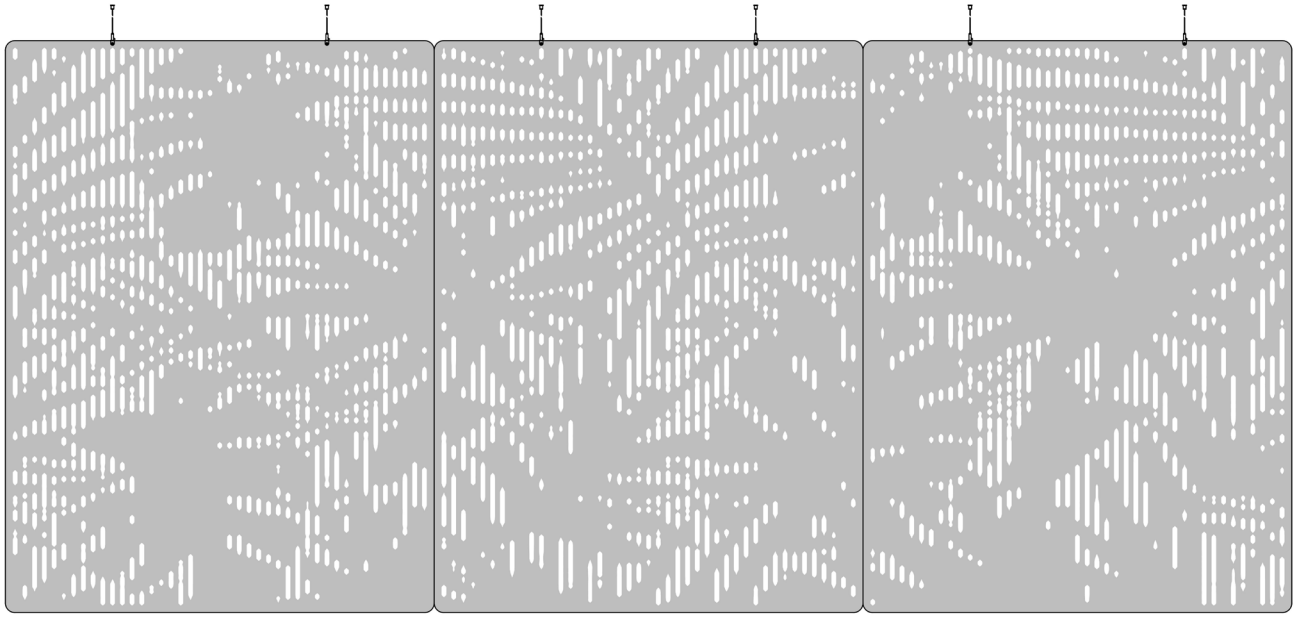


741.12.39.000.**00** 741.12.39.000.**01** 741.12.39.000.**02** 741.12.39.000.**03**

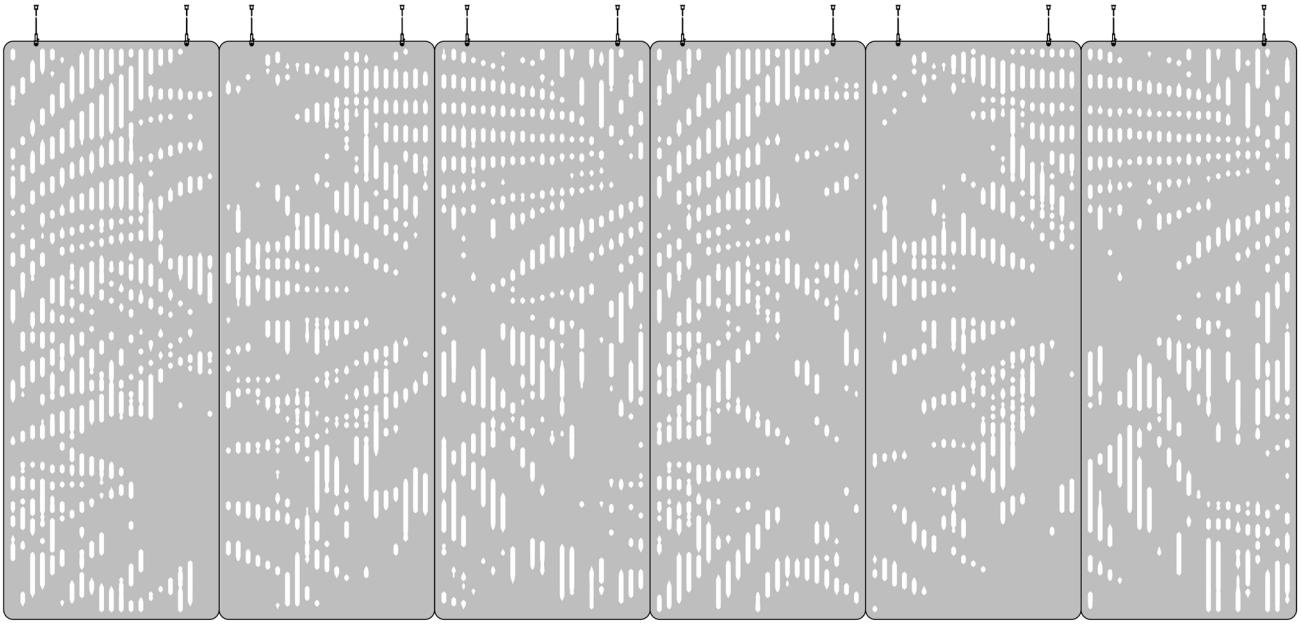
HABITAT MATTER
habitatmatter.com
spec@habitatmatter.com

# Jungle Hanging Division

## Additional patterns 24mm



741.24.40.000.**00** 741.24.40.000.**01** 741.24.40.000.**02**



741.24.41.000.**00** 741.24.41.000.**01** 741.24.41.000.**02** 741.24.41.000.**03** 741.24.41.000.**04** 741.24.41.000.**05**

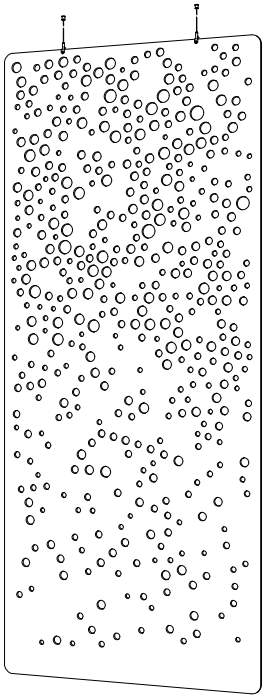
HABITAT
MATTER
habitatmatter.com
spec@habitatmatter.com

# Jungle Hanging Division

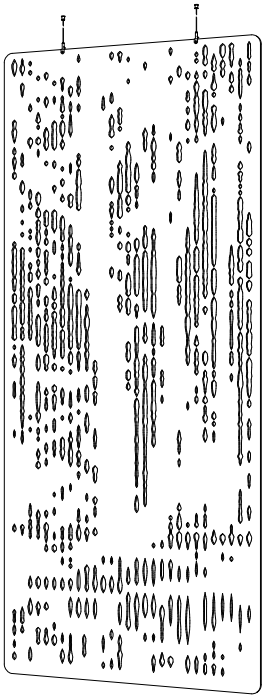
## Other perforations available

Please note that all patterns are available in three sizes. This size is used as an example.

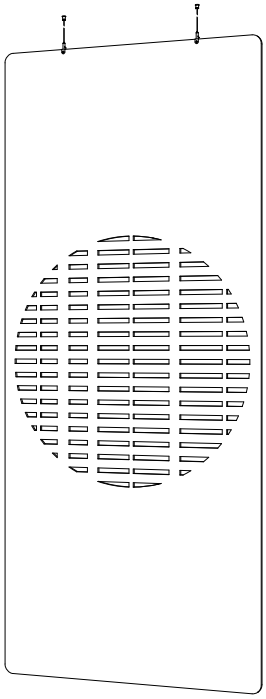
741.12.13.000.00



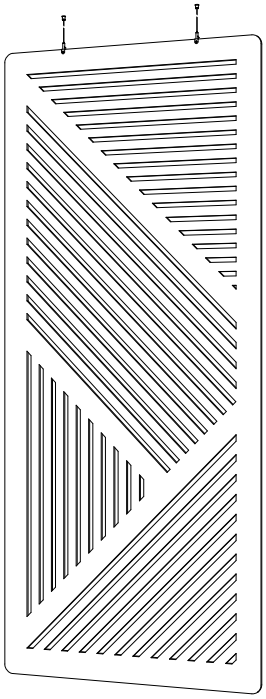
741.12.15.000.00



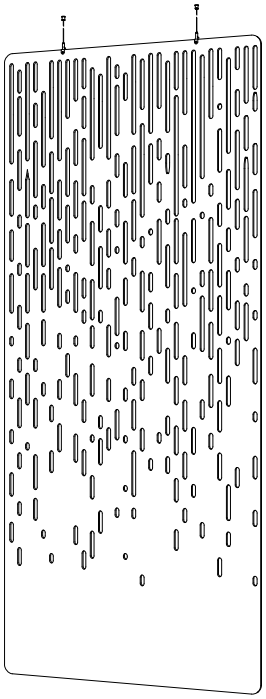
741.12.17.000.00



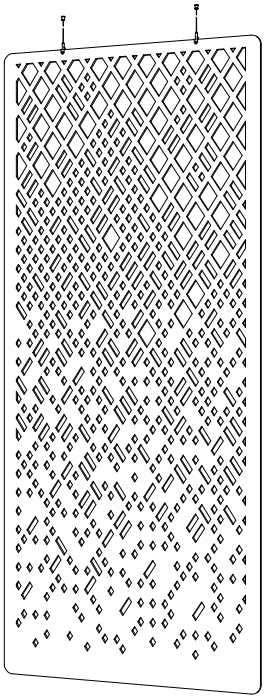
741.12.19.000.00



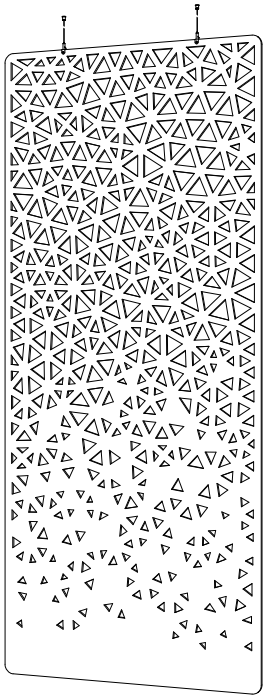
741.12.21.000.00



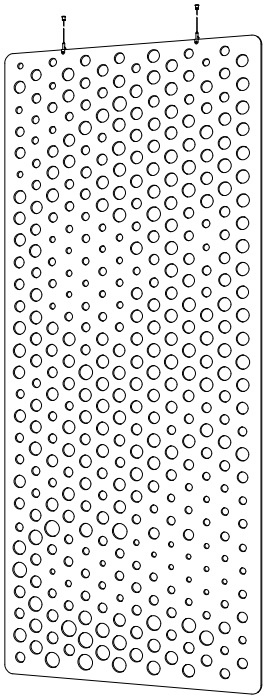
741.12.23.000.00



741.12.25.000.00



741.12.27.000.00



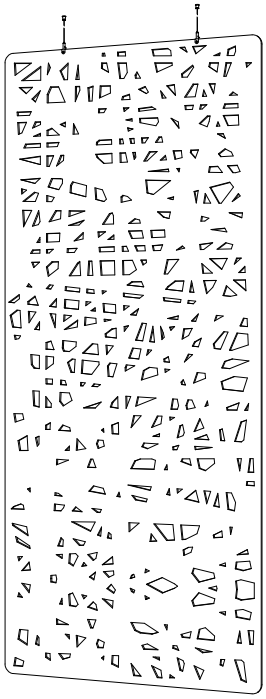
HABITAT
MATTER
habitatmatter.com
spec@habitatmatter.com

# Jungle Hanging Division

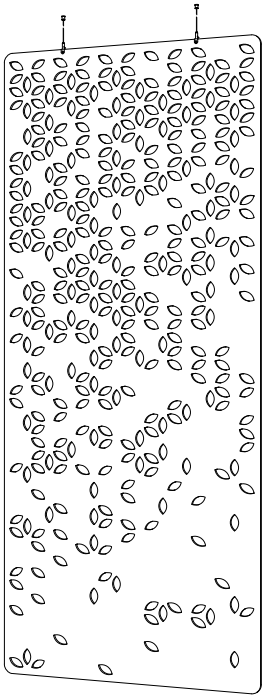
## Other perforations available

Please note that all patterns are available in three sizes. This size is used as an example.

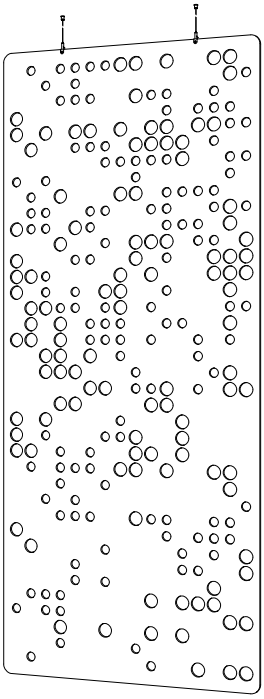
741.12.29.000.00



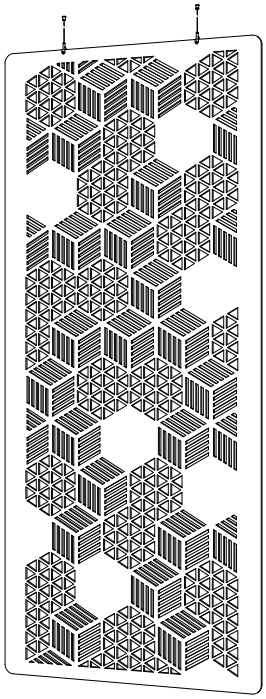
741.12.31.000.00



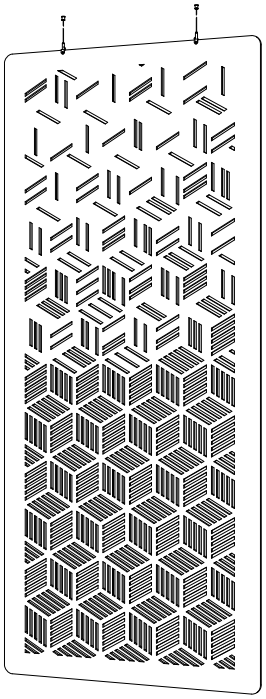
741.12.33.000.00



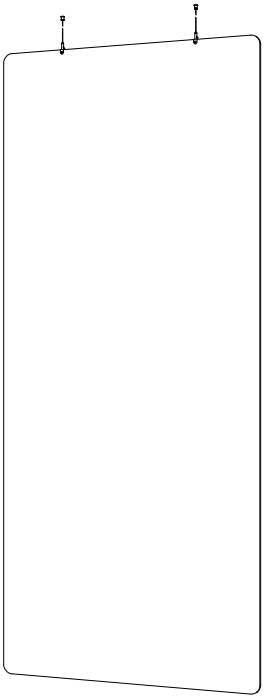
741.12.35.000.00



741.12.36.000.00



741.12.90.000.00



# ARCHISONIC®
# Colors

HABITAT MATTER
habitatmatter.com
spec@habitatmatter.com



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



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Name** | Nordic Pine | Grove | Moss | Spearmint | Ice Blue | Succulent | Deap Sea | Marine Blue |
| **Color Code** | **311** | **317** | **439** | **706** | **304** | **712** | **918** | **864** |
| **NCS Code** | S 5030-G10Y | S 7020-G30Y | S 2040-G40Y | S 1010-B90G | S 0510-B | S 3020-B30G | S 5020-R90B | S 4050-R70B |



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Name** | Linen | Shell Pink | Jute | Warm Stone | Terracotta | Soft Coral | Honeycomb | Sunshine |
| **Color Code** | **107** | **102** | **920** | **105** | **239** | **516** | **139** | **846** |
| NCS Code | 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 |
| **Color Code** | **724** | **140** | **662** | **464** | **311** | **432** | **810** | **540** |
| NCS Code | 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



HABITAT MATTER
habitatmatter.com
spec@habitatmatter.com

# **ARCHI**SONIC® Felt
# Material Specification

| | | |
|---|---|---|
| **Product Name** | Archisonic® Felt | |
| **Content** | 100% PET (60% certified post-consumer content) | |
| **Thickness**[1] | 12mm (0.47") | 24mm (0.94") |
| **Max. Size** | 1200x2800mm (47"x110") | 1800x2400mm (70"x94") |
| **Acoustic**[2] | **ASTM:** NRC=0.6 **ISO**: αw=0.65 | **ASTM**: NRC=0.9 **ISO**: αw=0.95 |
| **Density**[1] | 2400 g/m² (0.49 lbs/ sqft) | 4000 g/m² (0.82 lbs/sqft) |
| **Color Fastness** | **Class 6** ISO 105-B02:A1 | |
| **Color** | **32 colors** (see Archisonic® Felt Color page for more information) | |
| **Maintenance** | For daily cleaning we recommend alcohol solution (75%), e.g. Pantasept. In case of contamination by dust or fluff, use feather duster or a regular vacuum cleaner. For heavy dirt, treat the material with hydrogen peroxide. | |
| **Lead time**[3] | 21 days | |
| **Fire Rating** | DIN EN 13501-1: **B-s1, d0** ASTM E84 **Class A** | |
| **VOC Emission** | 28 Days French Regulation **A+** ASTM E84 **Pass**<br>Breeam® (International, UK, NL, SE, NOR) **Examplary**<br>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

HABITAT MATTER
habitatmatter.com
spec@habitatmatter.com

# Jungle Hanging Division
## Acoustic Performance

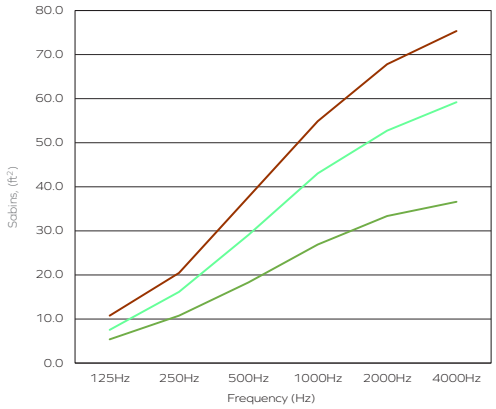
University of Stuttgart
Germany

### Testing Standards

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

| Acoustic Test Results | αw | SAA | NRC |
|---|---|---|---|
| 24mm 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.

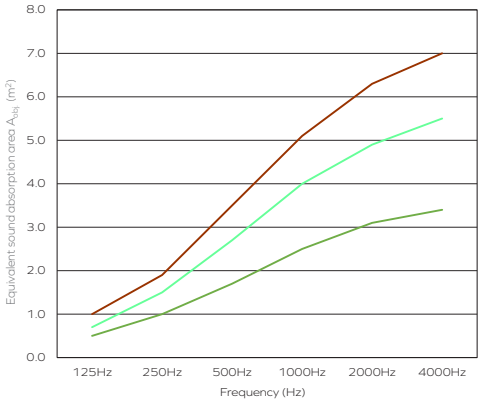



### Acoustic Performance - ASTM Sabins , $ft^2$

| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|---|---|---|---|---|---|---|
| 12mm Jungle 2800mm x 1200mm | 7.53 | 16.15 | 29.06 | 43.06 | 52.74 | 59.20 |
| 24mm Jungle 2400mm x 900mm | 5.38 | 10.76 | 18.30 | 26.91 | 33.37 | 36.60 |
| 24mm Jungle 2400mm x 1800mm | 10.76 | 20.45 | 37.67 | 54.90 | 67.81 | 75.35 |

The graph represents the Sabins ($ft^2$) in the third octave band center frequencies.

- 12mm Jungle 2800mm x 1200mm
- 24mm Jungle 2400mm x 900mm
- 24mm Jungle 2400mm x 1800mm




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

| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|---|---|---|---|---|---|---|
| 12mm Jungle 2800mm x 1200mm | 0.7 | 1.5 | 2.7 | 4.0 | 4.9 | 5.5 |
| 24mm Jungle 2400mm x 900mm | 0.5 | 1.0 | 1.7 | 2.5 | 3.1 | 3.4 |
| 24mm Jungle 2400mm x 1800mm | 1.0 | 1.9 | 3.5 | 5.1 | 6.3 | 7.0 |

The graph represents the equivalent sound absorption per object ($A_{obj}$) in the third octave band center frequencies.

- 12mm Jungle 2800mm x 1200mm
- 24mm Jungle 2400mm x 900mm
- 24mm Jungle 2400mm x 1800mm

HABITAT
MATTER
habitatmatter.com
spec@habitatmatter.com

# Jungle Hanging Division
## Reference Projects









HABITAT MATTER
habitatmatter.com
spec@habitatmatter.com

# Jungle Hanging 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.

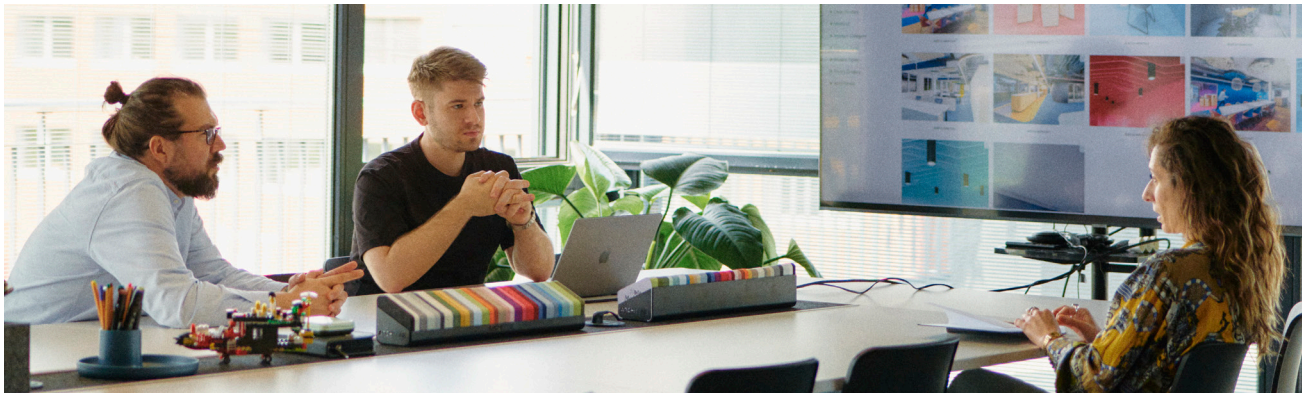
## Ordering Process

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[1] from your first point of contact, allowing you to focus on what truly matters to you.

1. Contact our consultant
2. Quote[1] — 48 h
3. Order Confirmation
4. Production[1] — 2 - 3 weeks
5. Dispach
6. Transit — location based
7. Delivery

## Contact Us

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



1 - Quote and Production times may vary.

HABITAT
MATTER
habitatmatter.com
spec@habitatmatter.com

# #We MakeAn Impact