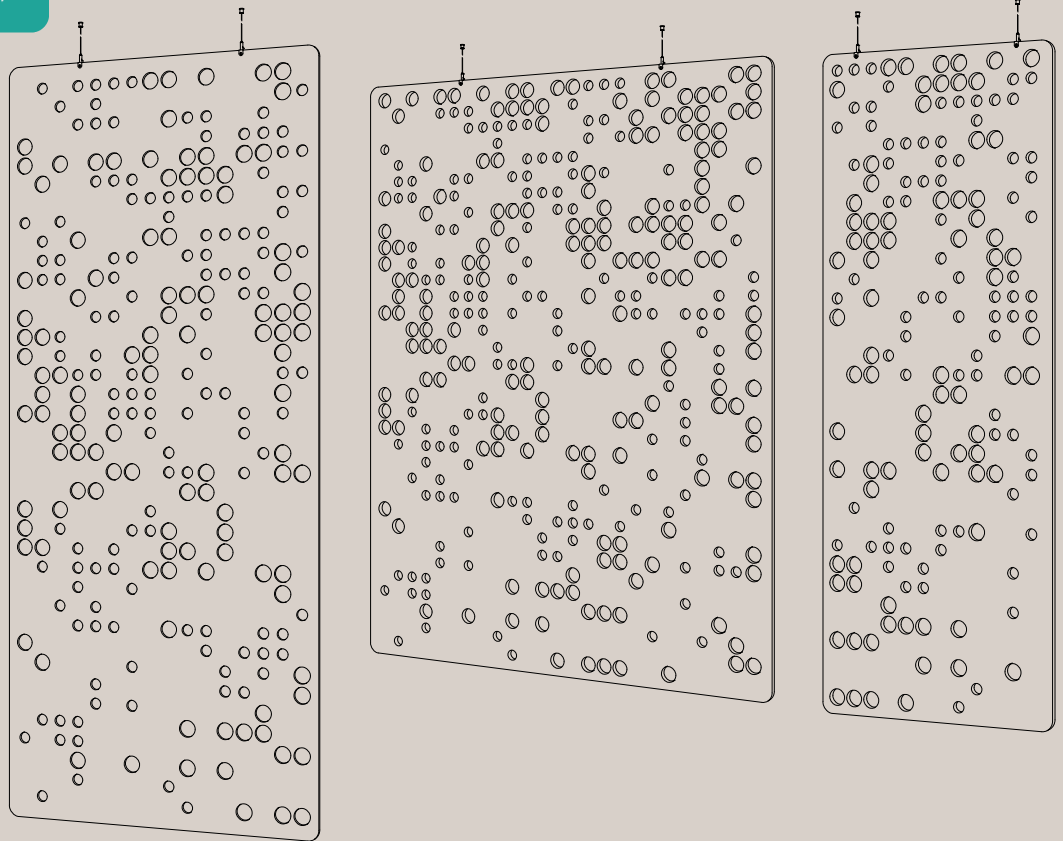


IMPACT ACOUSTIC®



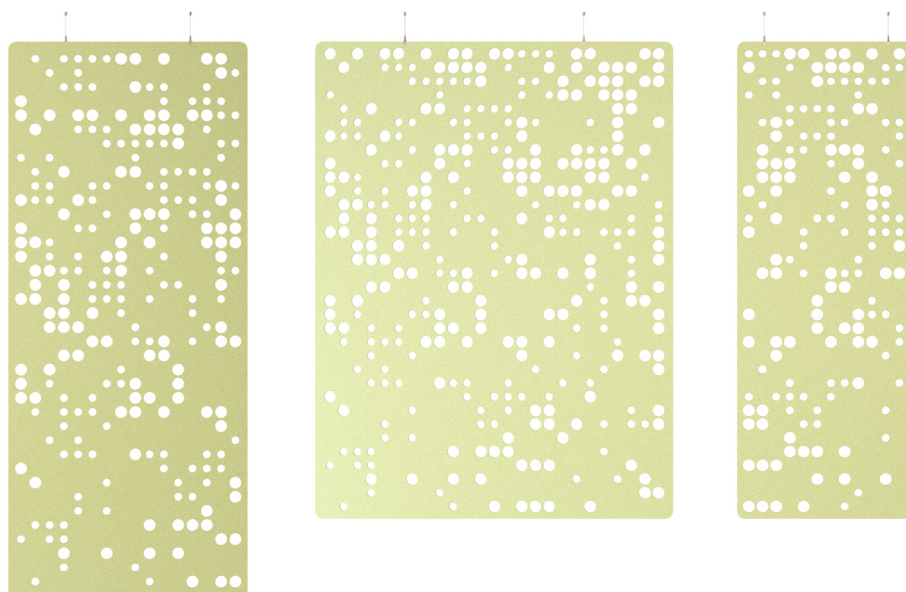
Braille Hanging Division

741.12.33.000.00
741.24.33.000.00
741.24.34.000.00



Braille Hanging Division

General Information



Data

Applicable article numbers

TALL 741.12.33.000.00

LARGE 741.24.33.000.00

SMALL 741.24.34.000.00

Dimensions¹

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

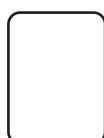
Weight²

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 years³



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

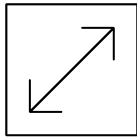


Braille Hanging Division

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.

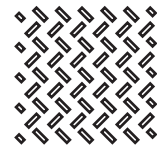
1 Specify your product:



Size
page 4-6



Color
page 7



Pattern
page 5-6

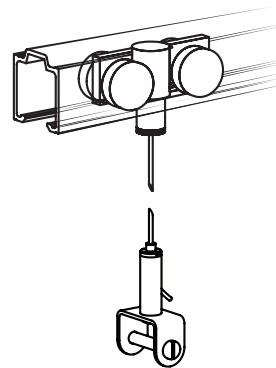
2 Verify installation method:



Suspension Kit
12mm



Suspension Kit
24mm

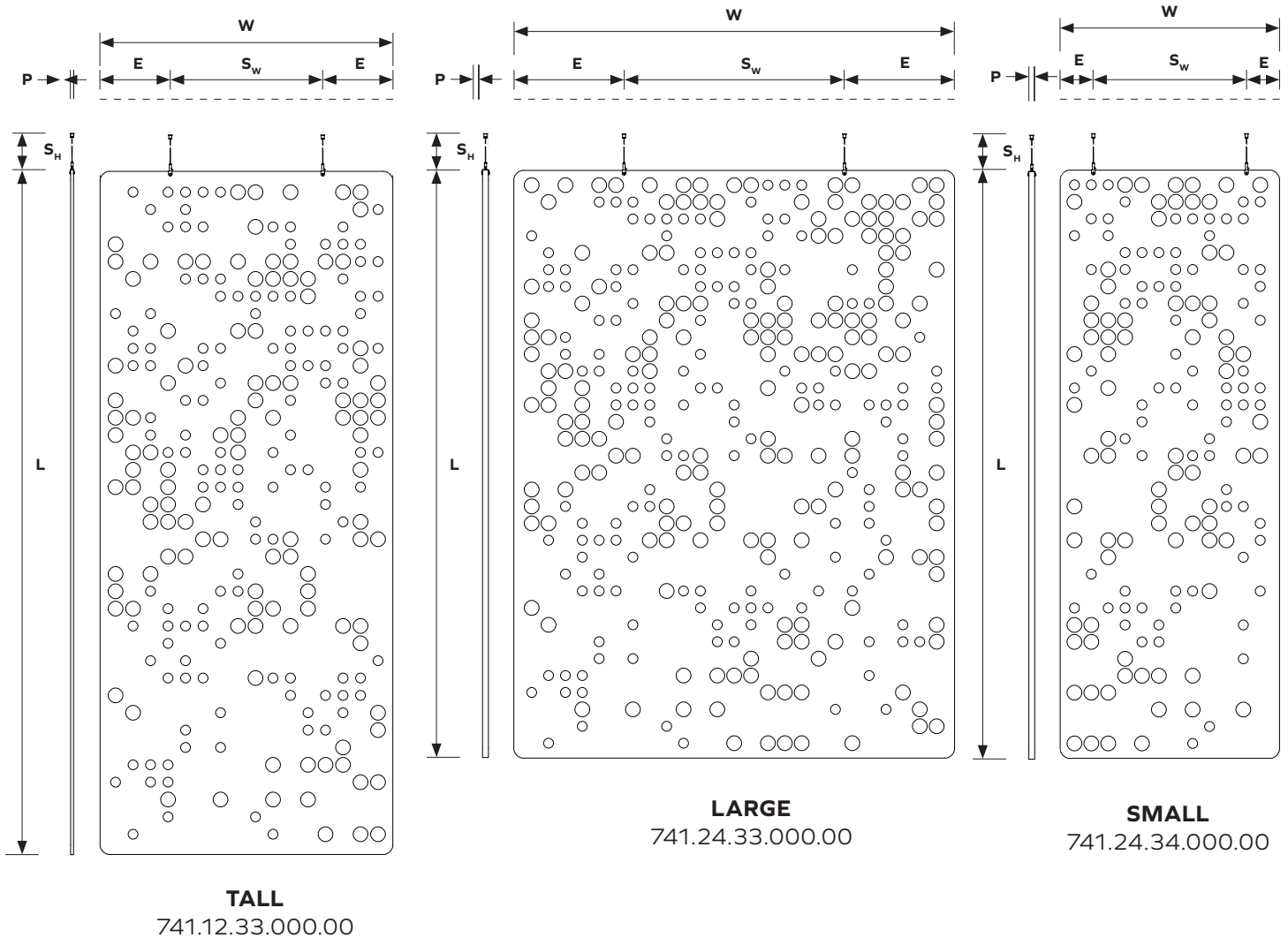


Curtain Slider
12mm and 24mm

Braille Hanging Division

Geometry Information

Custom solutions available



| Dimensions | TALL 741.12.33.000.00 | LARGE 741.24.33.000.00 | SMALL 741.24.34.000.00 |
|---|---------------------------------|---------------------------|---------------------------|
| 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" | | |

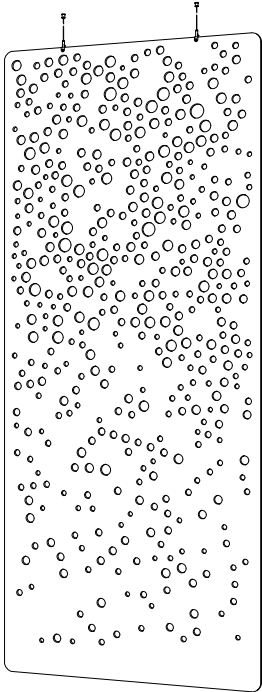


Braille Hanging Division

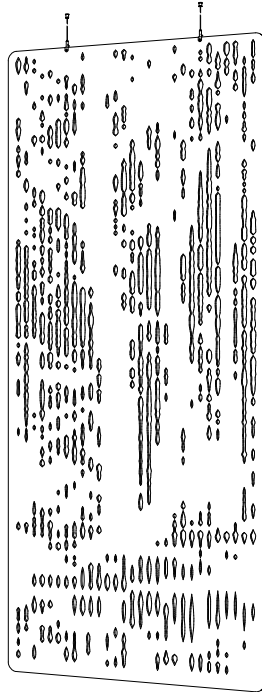
Other perforations available

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

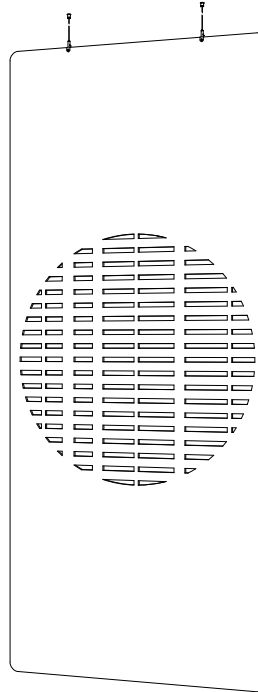
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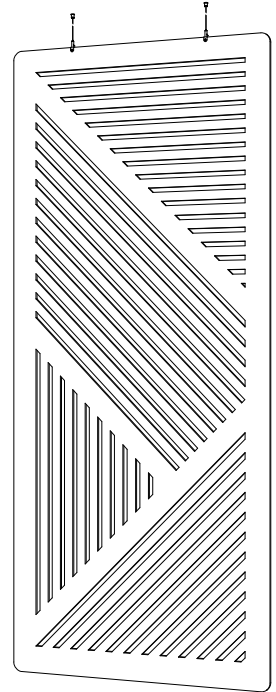
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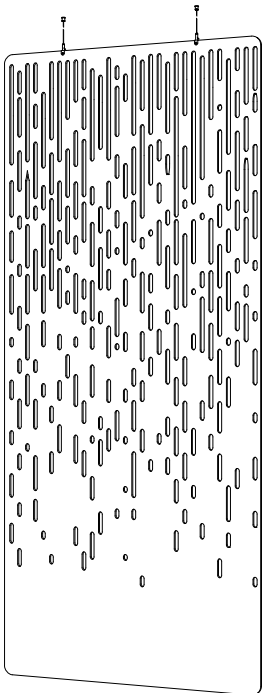
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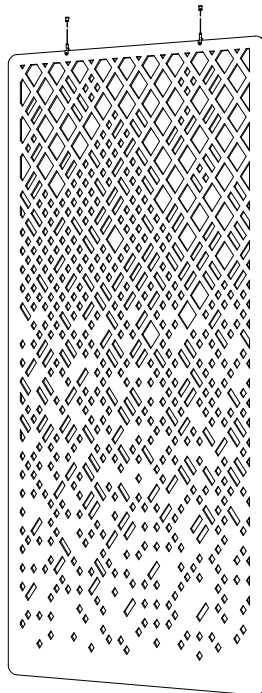
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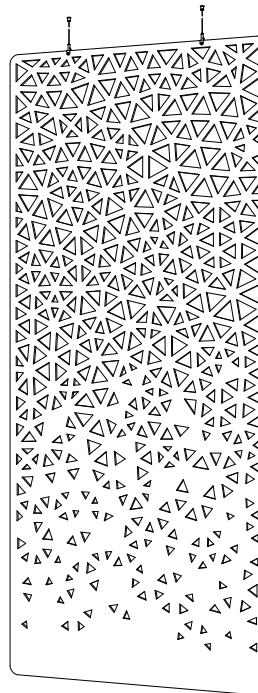
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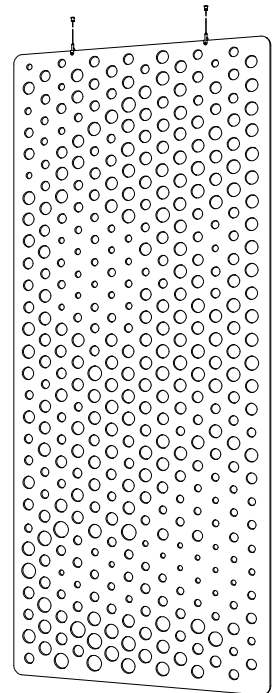
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741.12.25.000.00



741.12.27.000.00



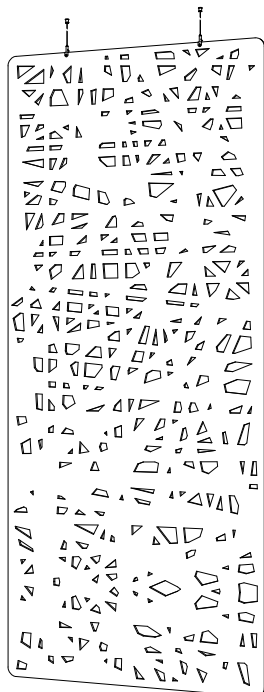


Braille Hanging Division

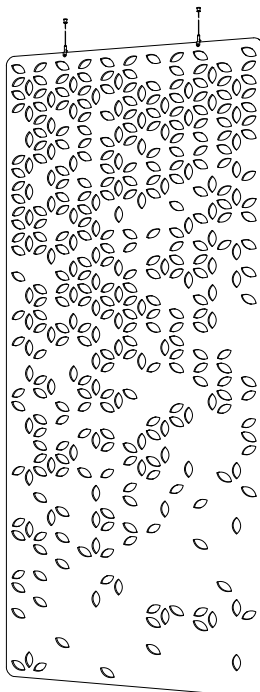
Other perforations available

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

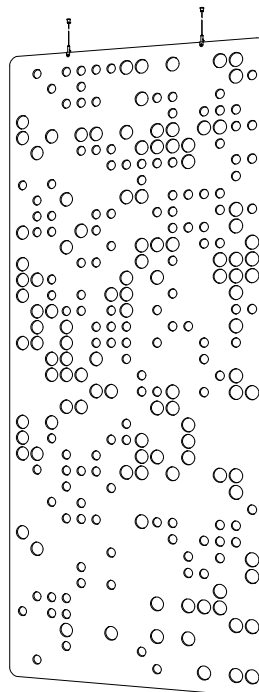
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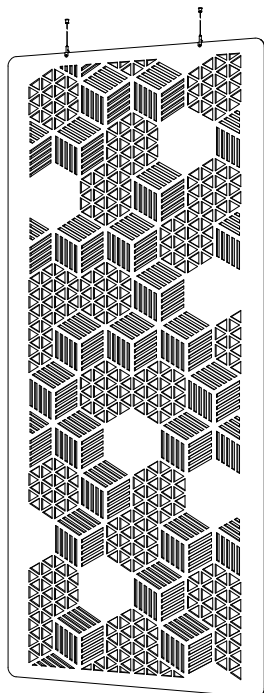
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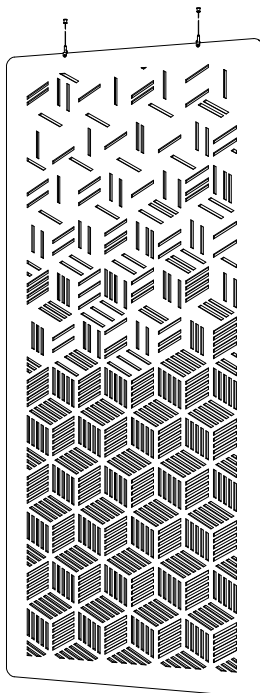
741.12.33.000.00



741.12.35.000.00



741.12.36.000.00



741.12.90.000.00



ARCHISONIC®

Colors

 Material brochure available



| 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 | Deep 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 | 311 | 810 | 540 |
| NCS Code | S 5040-R10B | S 2060-R20B | S 1080-R | S 0580-Y70R | S 5030-G10Y | S 5030-G10Y | 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®

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) |
| 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 time³ | 21 days | |
| Fire Rating | DIN EN 13501-1: B-s1, d0 | ASTM E84 Class A |
| VOC Emission | A+ 28 Days French Regulation | ASTM E84 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), Bream, 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.





Braille Hanging Division

Acoustic Performance



ISO 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 |

Equivalent ASTM standards

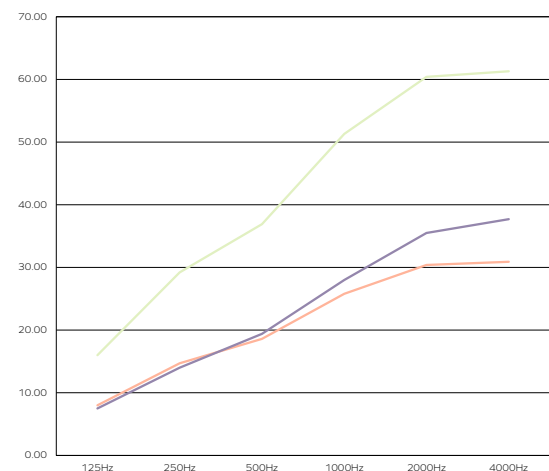
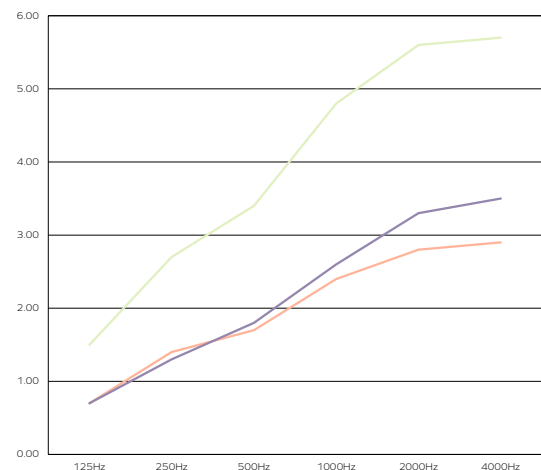
| | |
|--------------|--|
| ASTM C423-17 | Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method |
| ASTM E795-16 | Standard Practices for Mounting Test Specimens During Sound Absorption Tests |

ISO Equivalent Absorption Surface Area for the object (Aeq) (m²)

| Frequency (Hz) | Tall | Large | Small |
|----------------|------|-------|-------|
| 125 | 0.7 | 1.5 | 0.7 |
| 250 | 1.3 | 2.7 | 1.4 |
| 500 | 1.8 | 3.4 | 1.7 |
| 1000 | 2.6 | 4.8 | 2.4 |
| 2000 | 3.3 | 5.6 | 2.8 |
| 4000 | 3.5 | 5.7 | 2.9 |

ASTM Sabins (ft²)

| Frequency (Hz) | Tall | Large | Small |
|----------------|------|-------|-------|
| 125 | 7.5 | 16.0 | 8.0 |
| 250 | 14.0 | 29.2 | 14.7 |
| 500 | 19.4 | 36.9 | 18.6 |
| 1000 | 28.0 | 51.3 | 25.8 |
| 2000 | 35.5 | 60.4 | 30.4 |
| 4000 | 37.7 | 61.3 | 30.9 |



- Braille (Tall)
- Braille (Large)
- Braille (Small)

“Just like sound, lighting appeals to the senses and is a driver for a good work environment and contributes to your health and well-being and should be synced with your circadian rhythm. However, if every evening you're the last person to switch off the lights in the office, you might have a tag on your back saying “overachiever”.

– Daniel Verlooven



Hanging Divisions

Reference Projects

