



HABITAT  
MATTER

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# ILLUM

Hanging Division



# ILLUM 24MM

## Hanging Division

Inspired by contemporary Asian design language, Jeff designed the ILLUM. Hanging several acoustic room dividers in a row creates pattern and shadow that is calming and has a Zen like effect. The low perforation content of only 8% makes it extremely efficient in sound absorption and are still visually transparent.

### ARTICLE NUMBER

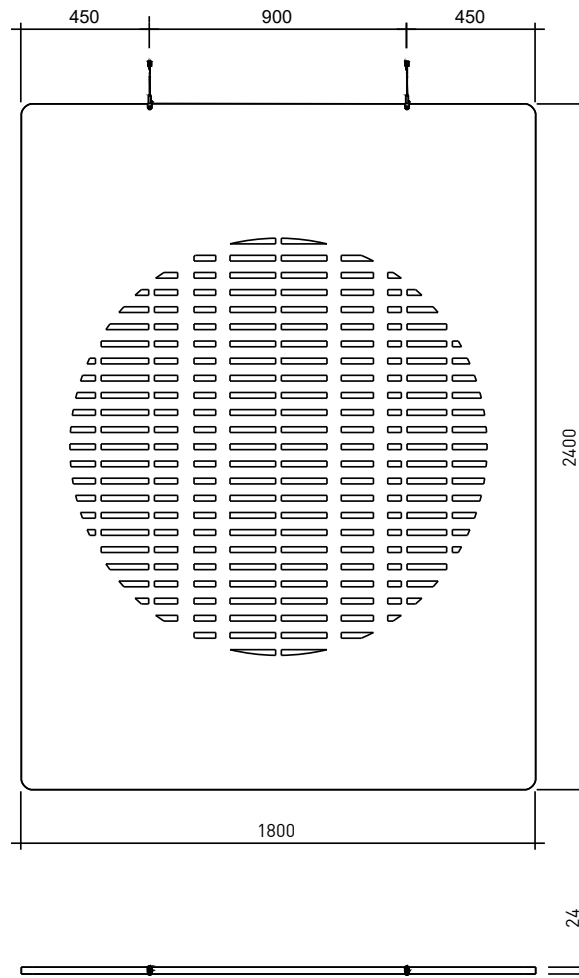
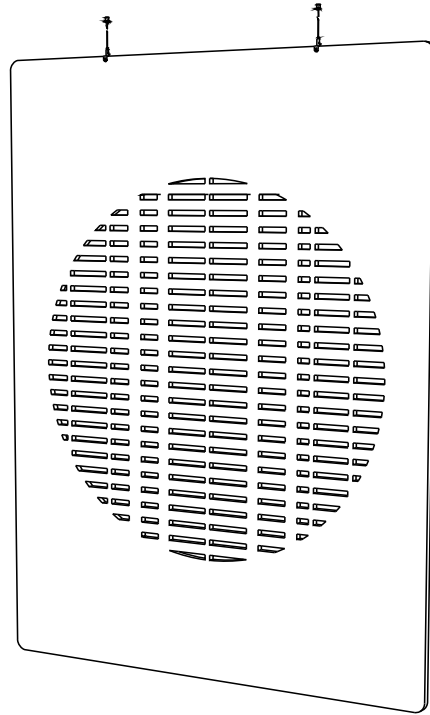
741.24.17.000.00

### DIMENSIONS

Length:	1800 mm	70.86"
Width:	2400 mm	94.48"
Thickness:	24 mm	0.94"

### CONNECTION

ILLUM is hung on to the ceiling from two predetermined points on the acoustic panel with two sets of retaining brackets and tensile cable fixing.



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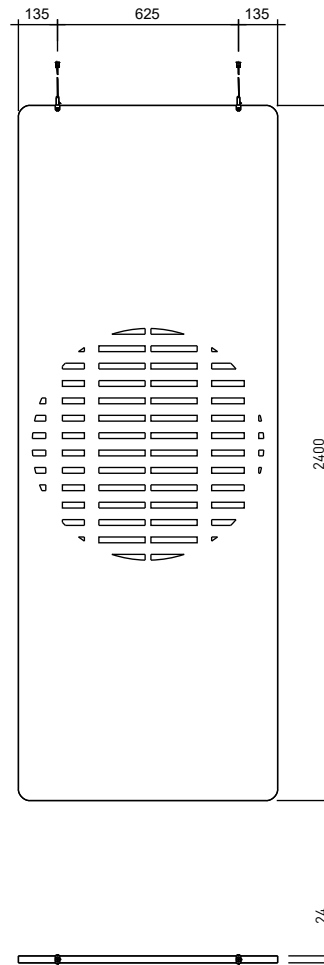
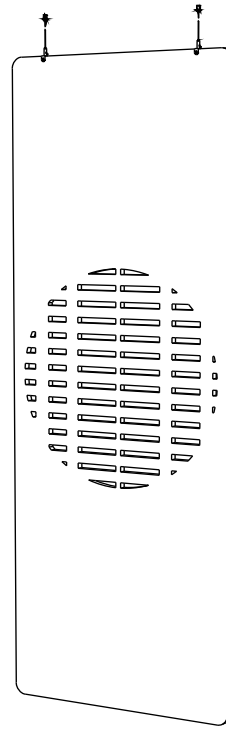
741.24.18.000.00

### DIMENSIONS

Length:	895 mm	35.23"
Width:	2400 mm	94.48"
Thickness:	24 mm	0.94"

### CONNECTION

ILLUM is hanged on to the ceiling from two predetermined points on the acoustic panel with two sets of retaining brackets and tensile cable fixing.



# ILLUM 12MM

## Hanging Division

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### ARTICLE NUMBER

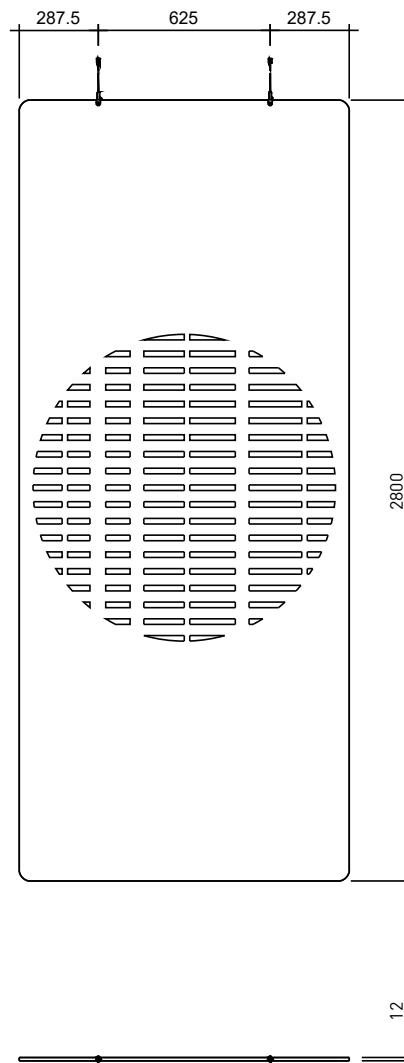
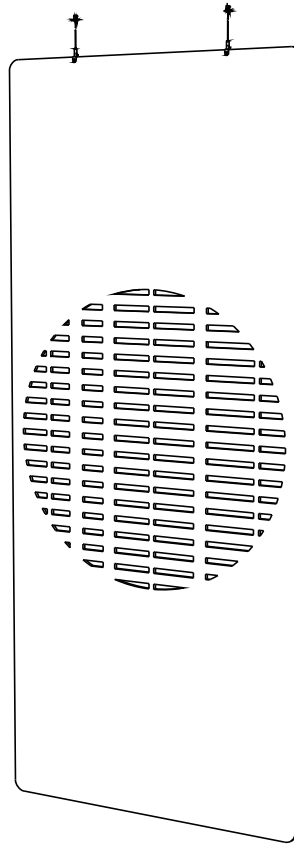
741.12.17.000.00

### DIMENSIONS

Length:	1200 mm	47.24"
Width:	2800 mm	110.23"
Thickness:	12 mm	0.47"

### CONNECTION

ILLUM is hanged on to the ceiling from two predetermined points on the acoustic panel with two sets of retaining brackets and tensile cable fixing.

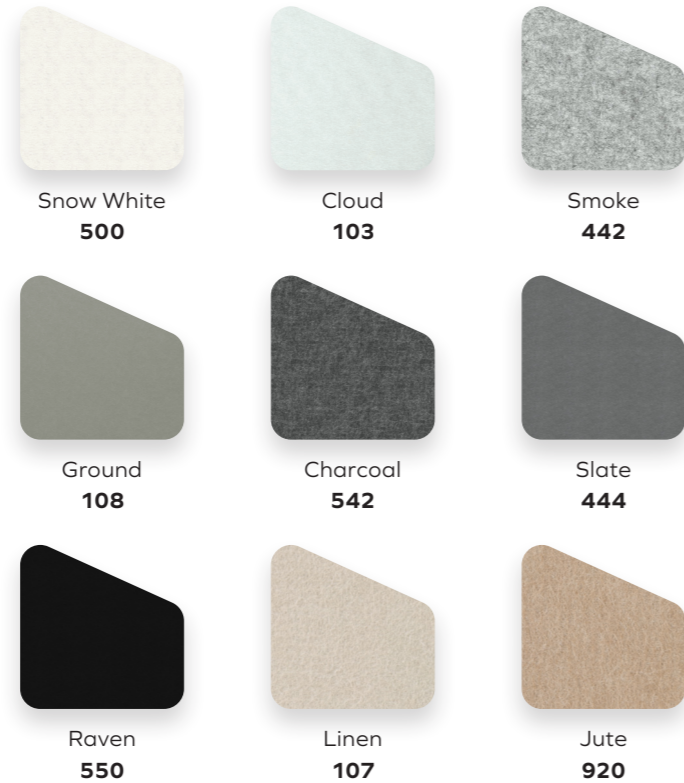


# ARCHISONIC® Colours

## Quiet Neutrals

12mm & 24 mm

These shades work in harmony with natural textural materials and soften industrial environments. From light to dark and cool to warm, these are the foundations of any scheme where longevity and a mood of calm is desired.



## Warm Naturals

12mm & 24 mm

Combinations of lighter toned neutrals and pinks have a gently soothing and restorative effect while the more saturated hues make perfect environments for relaxation.

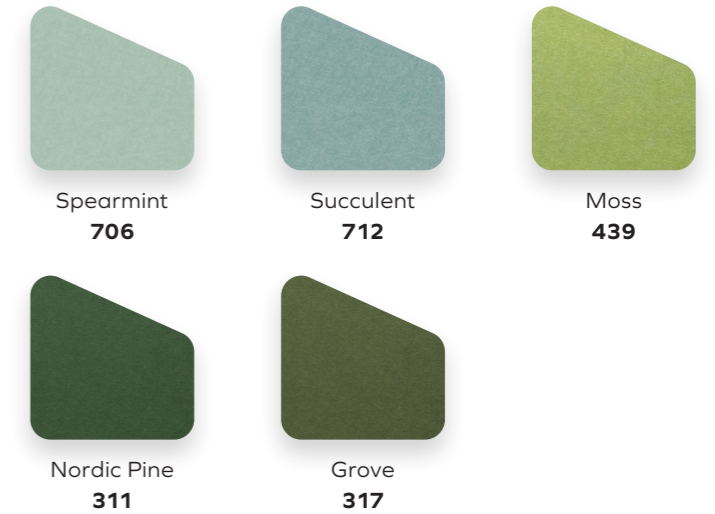


# ARCHISONIC® Colours

## Living Greens

12mm & 24 mm

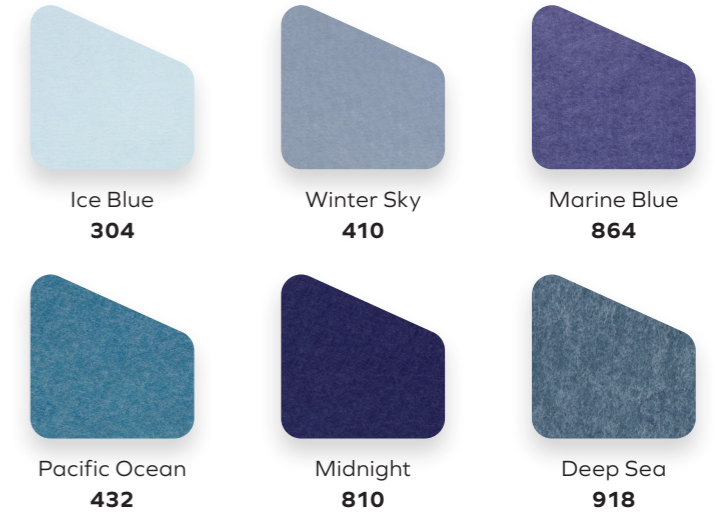
From the cool greens of forests to the yellowed aspect of young wheat, we see Living Greens breathing life into indoor spaces, and an essential palette for the future. Use in tonal layers brings the depth and diversity of green, while a single note can provide an amplifying backdrop to a biophilic space.



## Elemental Blues

12mm & 24 mm

These blues work perfectly both as familiar single hues and in effortless tonal layers to create an immersive environment for focus or restoration.



# ARCHISONIC® Colours

## Soothing Pastels

12mm & 24 mm

With tonal duos of pink and blue and green, this perfectly balanced group is designed for peaceful plays on light and shade and playful contrast. While the lightest tones have a dreamlike quality, their deeper counterparts add a subtle grounding.



Shell Pink  
102



Soft Coral  
516



Ice Blue  
304



Winter Sky  
410



Spearmint  
706



Succulent  
712

## Elegant Darks

12mm & 24 mm

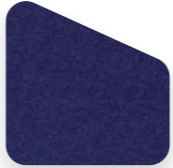
While colour can create a mood, it is the depth or lightness of a hue that truly defines the emotion. While each hue has the strength to stand alone, beautiful effects can be achieved with harmonized pairs.



Garnet  
724



Marine Blue  
864



Midnight  
810



Nordic Pine  
311



Raven  
550

# ARCHISONIC® Colours

## Energetic Brights

12mm & 24 mm

There are no rules here with endless possibilities for clashing contrasts or surprising highlights. For a sophisticated use of energetic colour, take a single hue and colour match contrasting textiles and solid surfaces.



Pacific Ocean  
432



Moss  
439



Sunshine  
846



Electric Orange  
464



Hot Pink  
140

## Primary Play

12mm & 24 mm

The primary story happens when all three main colours are used together, with varied proportions creating differing moods. As with the Energetic Brights palette, combine with coordinating-coloured textiles and solid surfaces.



Snow White  
500



Charcoal  
542



Sunshine  
846



Poster Red  
662



Marine Blue  
864

## DIMENSIONS

ARCHISONIC® 24 mm 1800 x 2400 x 24 mm (70" x 94" x 0.94")  
ARCHISONIC® 12 mm 1200 x 2800 x 12 mm (47" x 10" x 0.47")

## COMPOSITION

100% PET (min. 60% post-consumer)

## FIRE TEST

DIN EN 13501-1 B-s1, d0  
ASTM E-84 Class A

## VOC EMISSION

CDPH 01350 Pass  
ISO 16000 (CDPH/EHLB/Standard Method V1.2.)  
EN 16516

## COLOUR FASTENESS

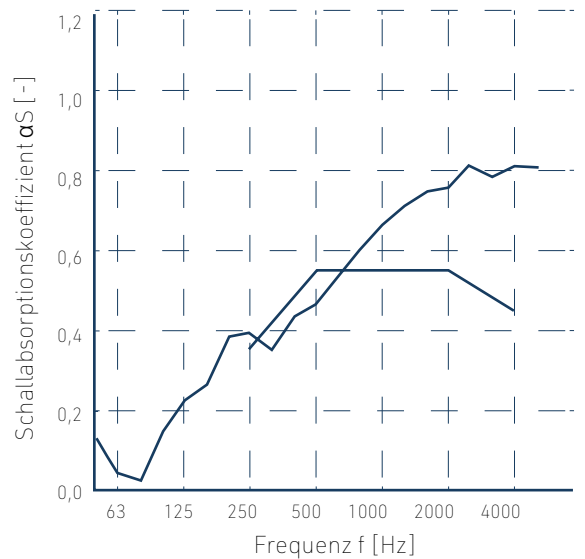
EN ISO 105-B02, A1 Grade 6

## SOUND ABSORPTION

DIN ISO 11654

24 mm aw 0.55 (no air gap)  
aw 0.65 (50 mm / 2" air gap)  
aw 0.90 (100 mm / 4" air gap)  
aw 0.95 (200 mm / 8" air gap)  
aw 0.95 (300 mm / 11" air gap).

12 mm aw 0.30 (no air gap)



## MATERIAL REUTILISATION

ARCHISONIC® 24 mm 88 plastic bottles/m<sup>2</sup>  
ARCHISONIC® 12 mm 53 plastic bottles/m<sup>2</sup>

## ENVIRONMENTAL

Cradle to Cradle Certified™  
Product qualifies for LEED v4 specifications on VOC emissions in LEED EQ credit (Low-emitting products)



## SUPPORTED BY

Climate KIC

