



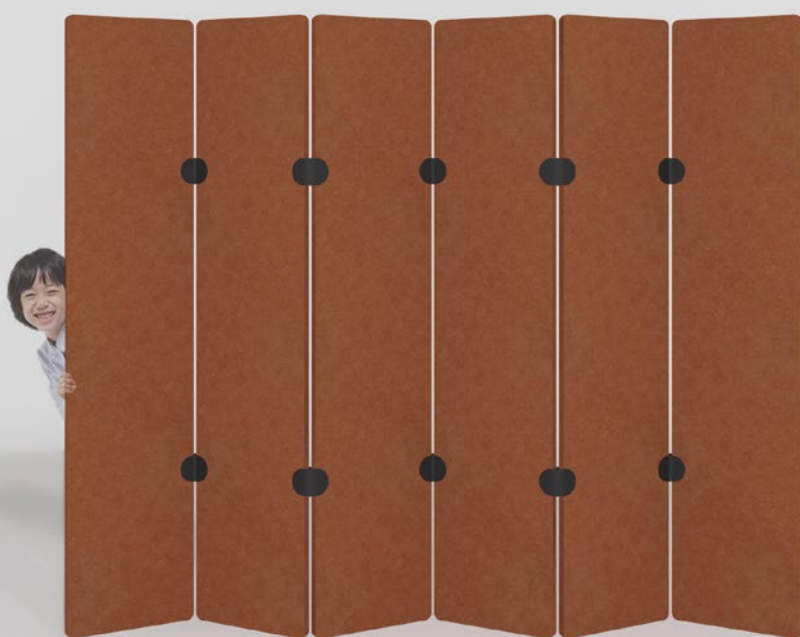
HABITAT
MATTER

habitatmatter.com
spec@habitatmatter.com

IMPACT ACOUSTIC®

PALING

Floor Standing Division



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Minimalism and simplicity define PALING. It offers a flexibility of options that allows spaces to adapt according to use. PALING acoustic partitions follow our idea of combining functionality and dematerialization.

ARTICLE NUMBER

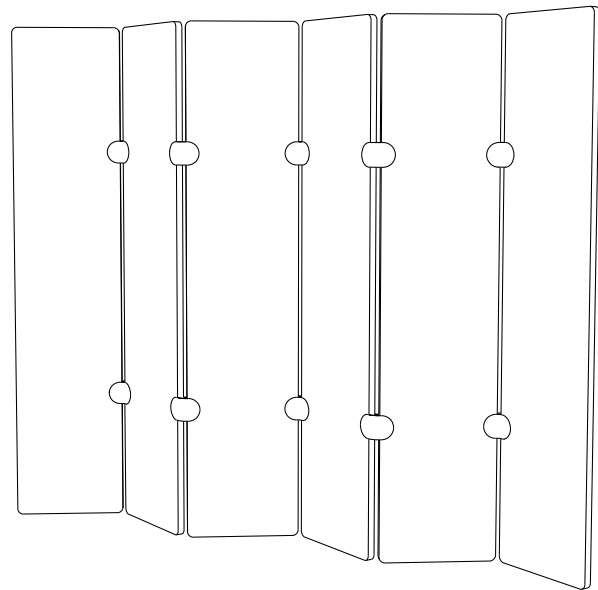
742.24.90.000.00

DIMENSIONS

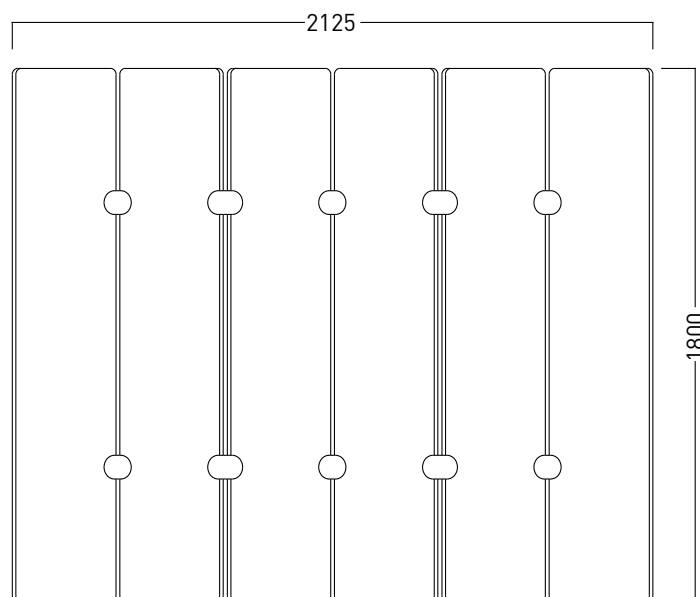
Length:	2125 mm	62.99"
Width:	1800 mm	70.86"
Thickness:	230mm	9.05"

CONNECTION

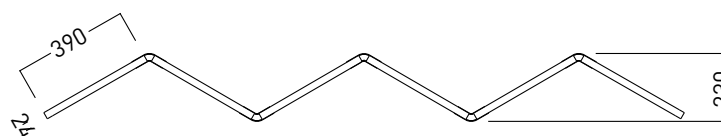
The individual parts are connected to each other tool-free and only using flexible metal plug-in connectors.



PLAN



SIDE ELEVATION



TECHNICAL DATA SHEET

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.



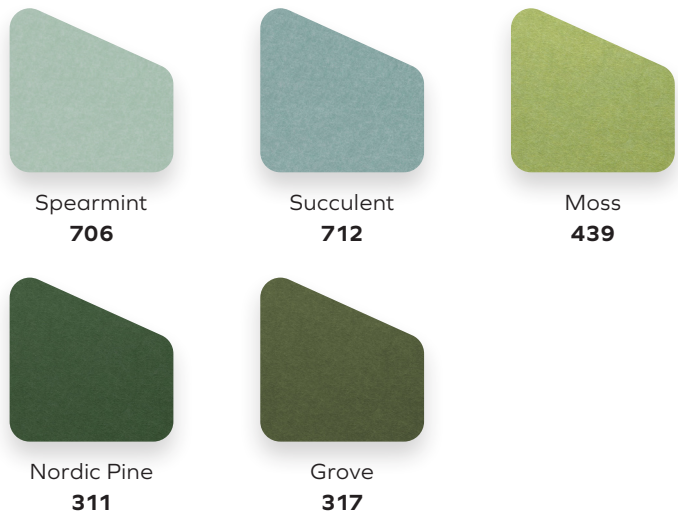
ARCHISONIC®

Colours

Living Greens

12mm & 24 mm

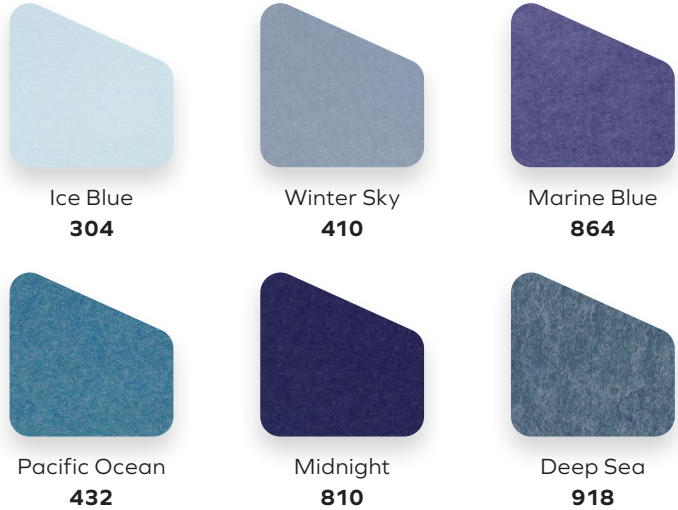
From the cool greens of forests to the yellowed aspect of young wheat, we see Living Greens breathing life into indoor spaces, and an essential palette for the future. Use in tonal layers brings the depth and diversity of green, while a single note can provide an amplifying backdrop to a biophilic space.



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



Spearment
706



Succulent
712

Elegant Darks

12mm & 24 mm

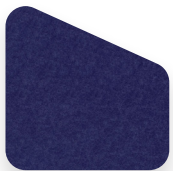
While colour can create a mood, it is the depth or lightness of a hue that truly defines the emotion. While each hue has the strength to stand alone, beautiful effects can be achieved with harmonized pairs.



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")



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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

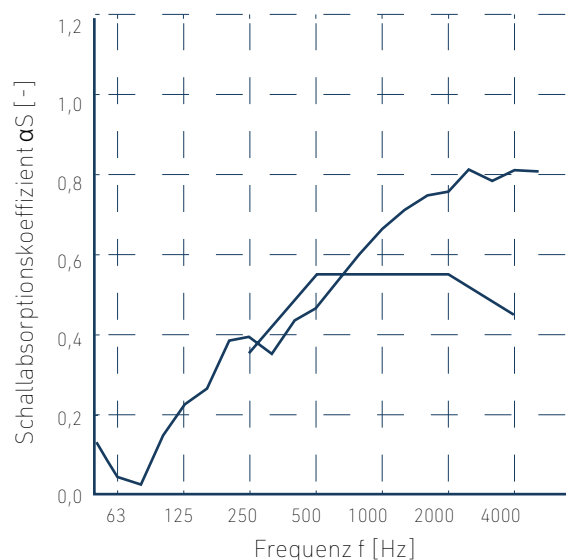
EN ISO 105-B02, A1 Grade 6

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/m²

ARCHISONIC® 12 mm 53 plastic bottles/m²

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



Climate-KIC is supported by the
EIT, a body of the European Union