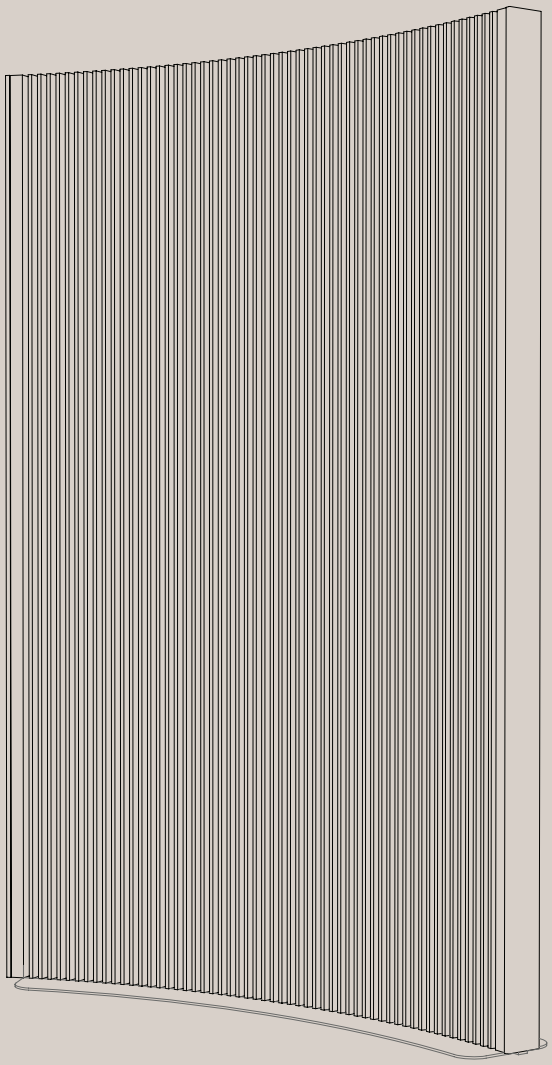
IMPACT ACOUSTIC®



Omnia
Standing Partition

742.24.70.000.00

TECHNICAL DATA SHEET

Omnia Standing Partition
General Information



Data

Applicable article numbers

742.24.70.000.00

Dimensions[1]

Height	1810 mm	71.25″
Width	1174 mm	46.22″
Thickness	285 mm	11.22″

Material

PET Panel	100% PET (60% post-consumer) in 45 colours
Structure	Steel (powder coated black or white)

Extended document available

Weight[2]

Total weight	32.5kg	71.65 lbs

Included

One Omnia module

Warranty 10 years[3]

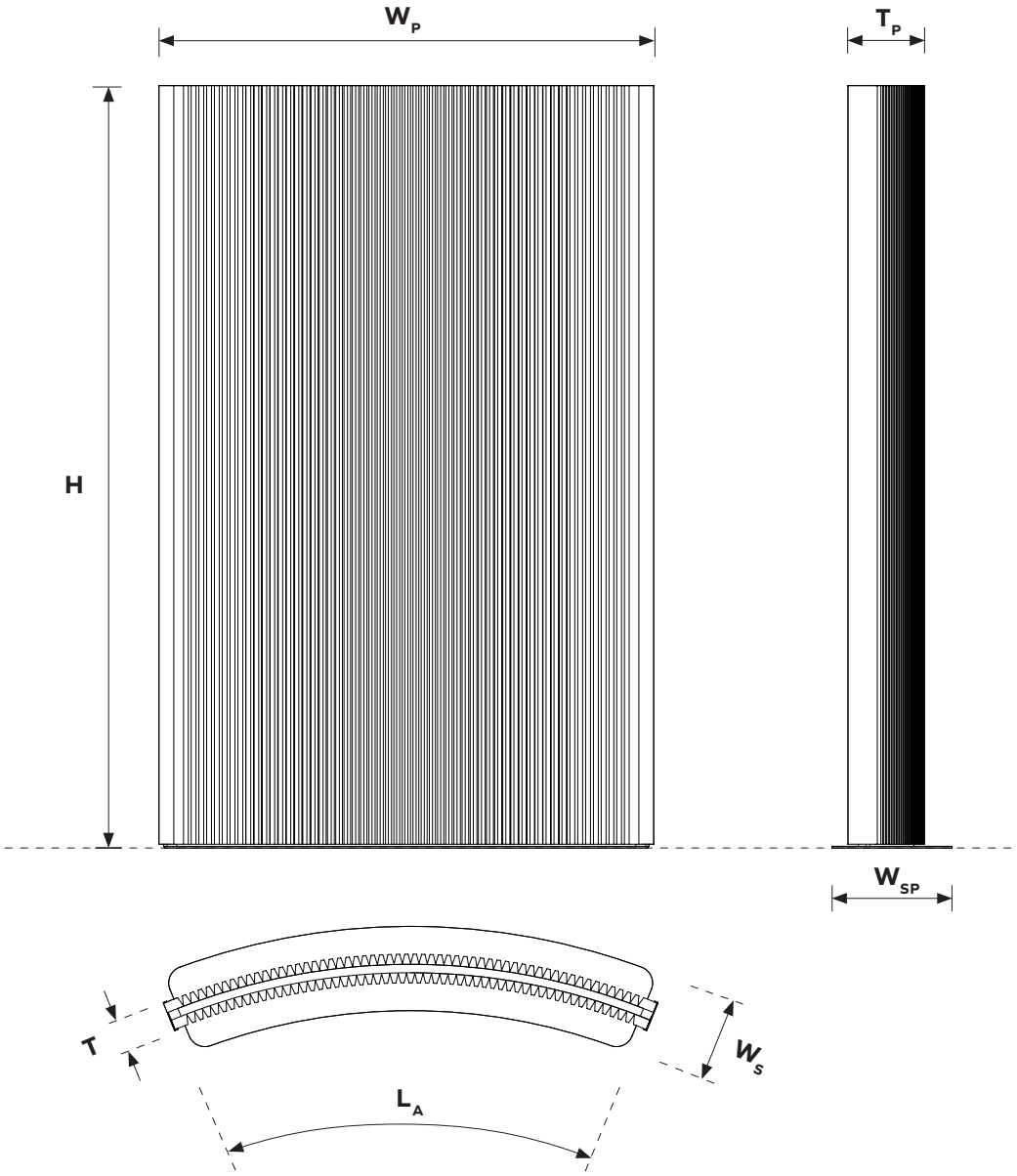
1 - all dimensions are nominal 2 - all weight values are nominal 3 - Impact Acoustic warranty terms apply

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Omnia Standing Partition

Geometry Information

Custom solutions available



Dimensions table[1]

H	Height	1809mm	71.22"
W_P	Width (projected)	1174mm	46.22"
T_P	Thickness (projected)	181mm	7.13"
W_{SP}	Thickness (projected)	285mm	11.22"
T	Acoustic screen thickness	68mm	2.68"
W_s	Width stand	200mm	7.87"
L_A	Length angular	1177mm	46.34"

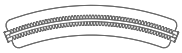
1 - all dimentions are nominal

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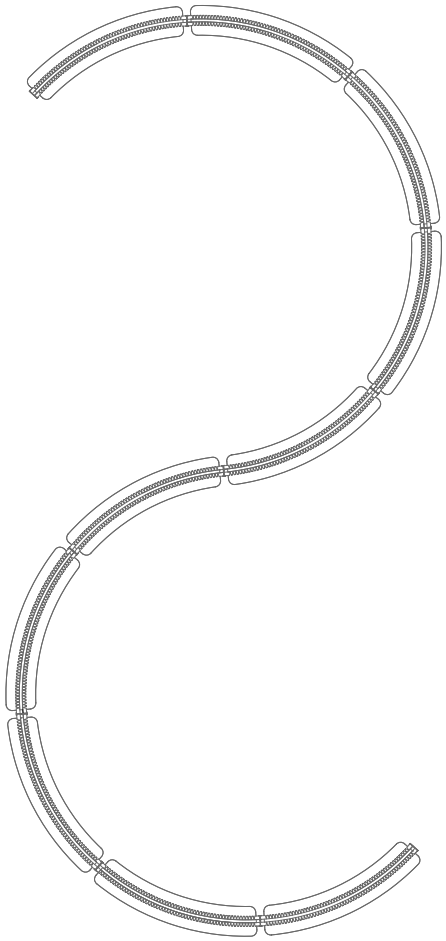
Omnia Standing Partition
Arrangement Combinations

Unleash your creativity and explore the spatial possibilities offered by Omnia modules. This free-standing acoustic partition has been designed to facilitate an easy rearrangement of a space.

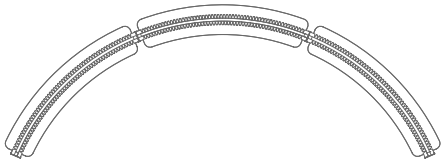
Single Module (1x Omnia)



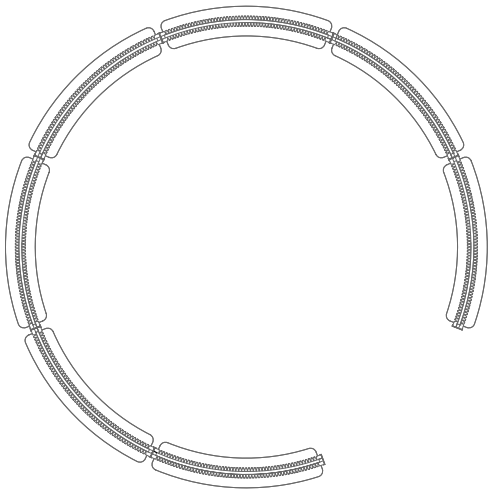
Alternating Enclosures (10x Omnia)



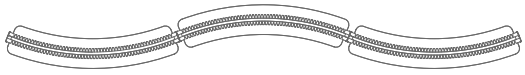
Arc Screen (3x Omnia)



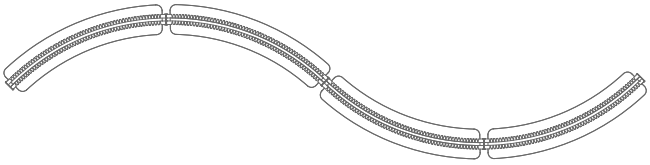
Circle (7x Omnia)



Small Wave Screen (3x Omnia)



Big Wave Screen (4x Omnia)



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ARCHISONIC®
Colours

Material brochure available

Name	Snow White	Cloud	Smoke	Slate	Charcoal	Raven	Ground	Gull	Milk
Code	500	103	442	444	542	550	108	144	404
NCS	S 0300-N	S 1002-B	S 3005-R80B	S 4500-N	S 7502-B	S 8500-N	S 5005-Y20R	S 2502-Y	S 0502-Y

Name	Linen	Dune[S]	Jute	Fallow[S]	Warm Stone	Truffle[S]	Sunshine	Honeycomb	Electric Orange
Code	107	104	920	238	105	539	846	139	464
NCS	S 1505-Y30R	S 2005-Y	S 3010-Y30R	S 5010-Y30R	S 3010-Y50R	S 8502-R	S 1040-Y10R	S 2050-Y20R	S 0580-Y70R

Name	Terracotta	Soft Coral	Cinnabar[S]	Shell Pink	Garnet	Poster Red	Hot Pink	Grape	Marine Blue
Code	239	516	725	102	724	662	140	540	864
NCS	S 4040-Y70R	S 2020-Y90R	S 6030-R	S 0510-R30B	S 5040-R10B	S 1080-R	S 2060-R20B	S 5040-R40B	S 4050-R70B

Name	Midnight	Royal Blue[S]	Winter Sky	Deep Sea	Nocturne[S]	True Navy	Ice Blue	Pacific Ocean	Lagoon[S]
Code	810	865	410	918	866	194	304	432	917
NCS	S 7020-R70B	S 3560-R80B	S 2020-R90 B	S 5020-R90B	S 8010-R90B	S 8005-B	S 0510-B	S 3040-B	S 7020-B30G

Name	Succulent	Spearmint	Seafoam[S]	Nordic Pine	Moss	Grove	Pistachio[S]	Lichen	Fern
Code	712	706	710	311	439	317	315	160	180
NCS	S 3020-B30G	S 1010-B90G	S 3010-G30Y	S 5030-G10Y	S 2040-G40Y	S 7020-G30Y	S 5020-Y	S 4005-Y	S 6010-G90Y

These NCS codes are the closest visual match available and may not be exact to blended fibres.
S - Solid Colours, additional charge might apply.

ARCHISONIC®

Colours

Experience our ARCHISONIC® Felt material with a stunning selection of 45 colours across 9 distinct families, thoughtfully curated by *Colour Hive* in London. Effortlessly combine colours to create harmonious palettes that 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



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ARCHISONIC® Felt
Material Specification

Product Name	ARCHISONIC® Felt
Content	100% PET (60% certified post-consumer content)
Thickness[1]	24mm (0.94")
Max. Size	1800x2400mm (70"x94")
Acoustic[2]	**ASTM**: NRC=0.9 **ISO**: αw=0.95
Density[1]	4000 g/m² (0.82 lbs/sqft)
Colour Fastness	**Class 6** ISO 105-B02:A1
Colours and finishes	**45 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 time[3]	21 days
Fire Rating[4]	DIN EN 13501-1: **B-s1, d0** ASTM E84 **Class A**
VOC Emission	**Indoor Air Comfort® GOLD** Compliance with leading international indoor air quality standards and sustainable building schemes across Europe and North America, including LEED, WELL, BREEAM, M1, AgBB, EMICODE, EU Taxonomy and REACH requirements. Additional documentation available upon request.
Thermal Conductivity[5]	24 mm: 0.037 W/m·K
Thermal Resistance[5]	24 mm: 0.65 m²K/W
Certifications	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climate-KIC, 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
4 - the following colours carry a B-S2 fire certificate rating: Hot Pink 140 12mm, Lichen 160 12mm, True Navy 194 24mm, Pacific Ocean 432 24mm, Pacific Ocean 432 12mm Electric, Orange 464 24mm, Soft Coral 516 24mm, Raven 550 24mm, Raven 550 12mm, Poster Red 662 12mm, Garnet 724 12mm, Midnight 810 24mm Marine Blue 864 24mm
5 - values based on third-party testing according to ASTM C518.

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

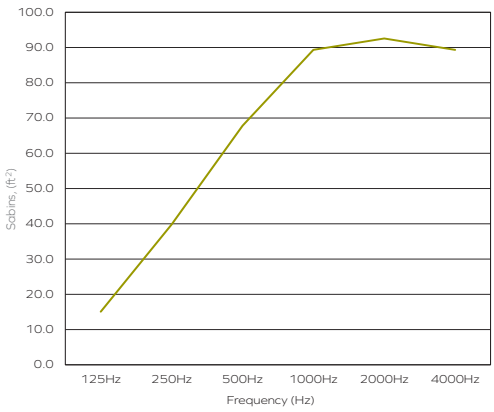
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Omnia Standing Partition
Acoustic Performance

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

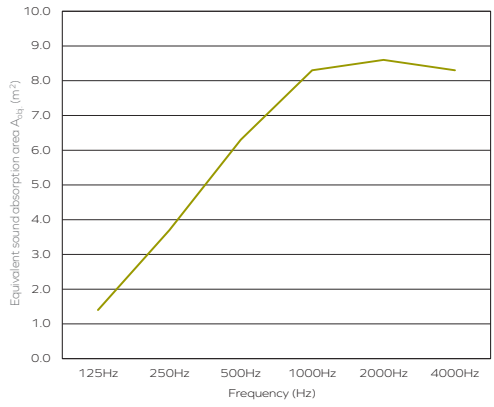


Acoustic Performance - ASTM Sabins , ft^2

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Omnia 1810mm x 1174mm	15.07	39.83	67.81	89.34	92.57	89.34

The graph represents the Sabins (ft^2) in the third octave band center frequencies. Measurement used Pink Noise as excitation signal in a reverberant room.

● 24mm Omnia 1810mm x 1174mm



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

Frequency (Hz)	125	250	500	1000	2000	4000
24mm Omnia 1810mm x 1174mm	1.40	3.70	6.30	8.30	8.60	8.30

The graph represents the equivalent sound absorption per object (A_{obj}) in the third octave band center frequencies. Measurement used Pink Noise as excitation signal in a reverberant room.

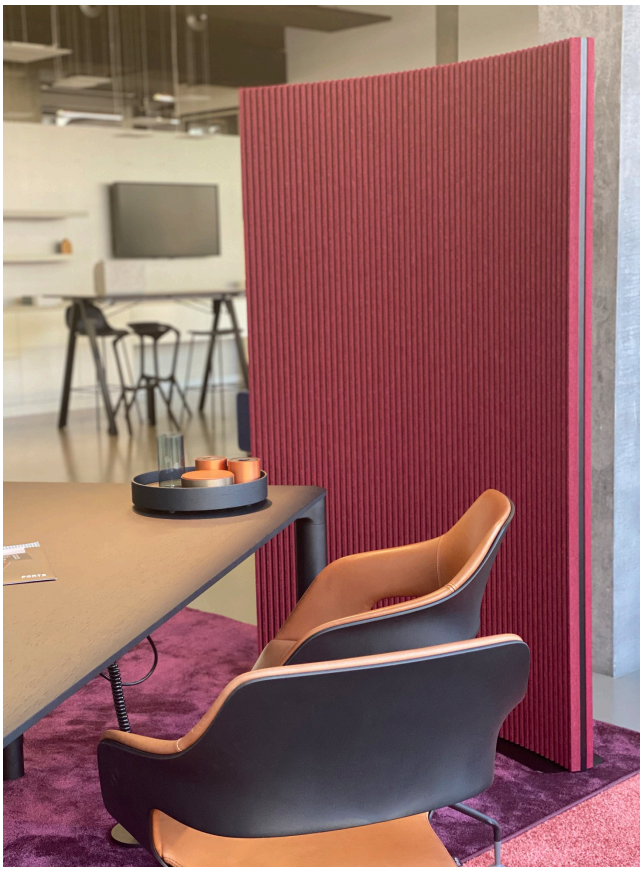
● 24mm Omnia 1810mm x 1174mm

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Omnia Standing Partition

Reference Projects







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Omnia Standing Partition
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
- Datasheets and Installation Guide
- Colour families
- Instruction videos
- Associated products specifications

Ordering Process

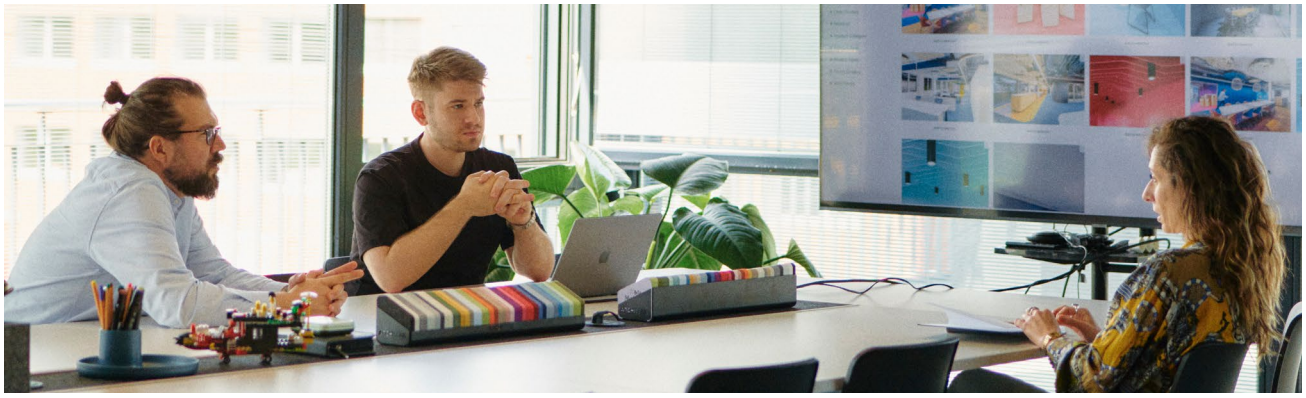
Our experienced team of Project Consultants will guide and support you throughout the order process. We fulfil the majority of our orders in as little as 21 days[1] from your first point of contact, allowing you to focus on what truly matters to you.

Contact our consultant → Quote[1] 48 h → Order Confirmation → Production[1] 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 questions.

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1 - Quote and Production times may vary.

#We MakeAn Impact

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