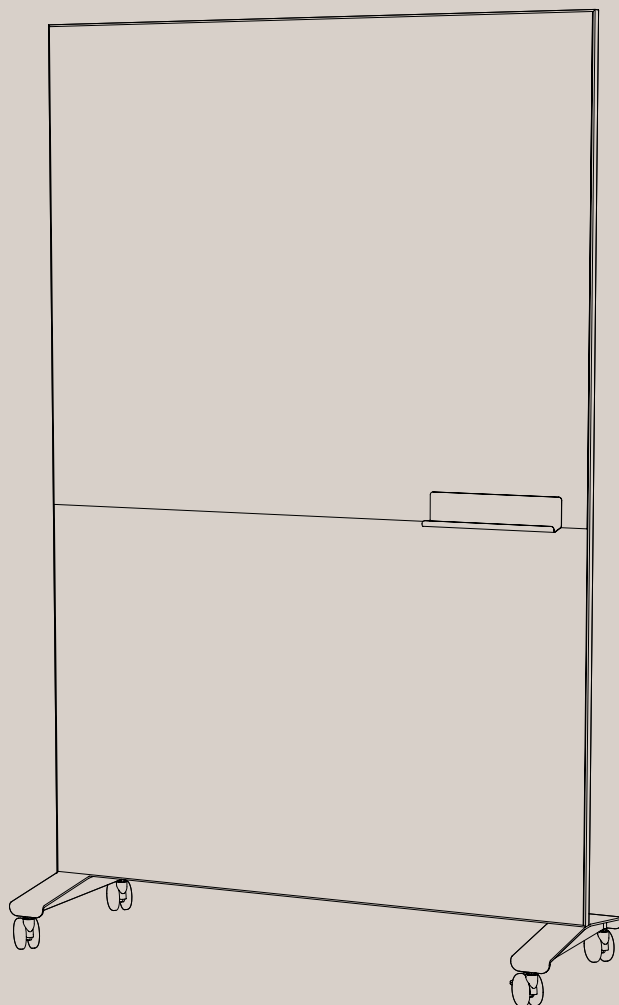


IMPACT ACOUSTIC®



Grafo

Acoustic Whiteboard

742.24.28.000.00

TECHNICAL DATA SHEET

Grafo Acoustic Whiteboard

General Information




Data

Applicable article numbers

742.24.28.000.00

Dimensions¹

| | | |
|-----------|---------|--------|
| Height | 1923 mm | 75.71" |
| Width | 1208 mm | 47.56" |
| Thickness | 28mm | 1.10" |

 Custom solutions available

Material

| | |
|--------------------|--|
| Panel | 100% PET (60% post-consumer) in 32 colors. |
| Frame | Steel profiles and wires (black RAL 9005) |
| Casters | Polyamid / Thermoplastic rubber |
| Whiteboard surface | Ceramic coated steel |

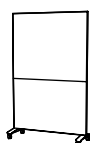
 Extended document available

Weight²

| | | |
|----------------|--------|-----------|
| 24mm PET Panel | 8.6 kg | 18.96 lbs |
| Frame | 13 kg | 28.66 lbs |

Included

Grafo
Whiteboard



Assembly
guide



Warranty
2 years³

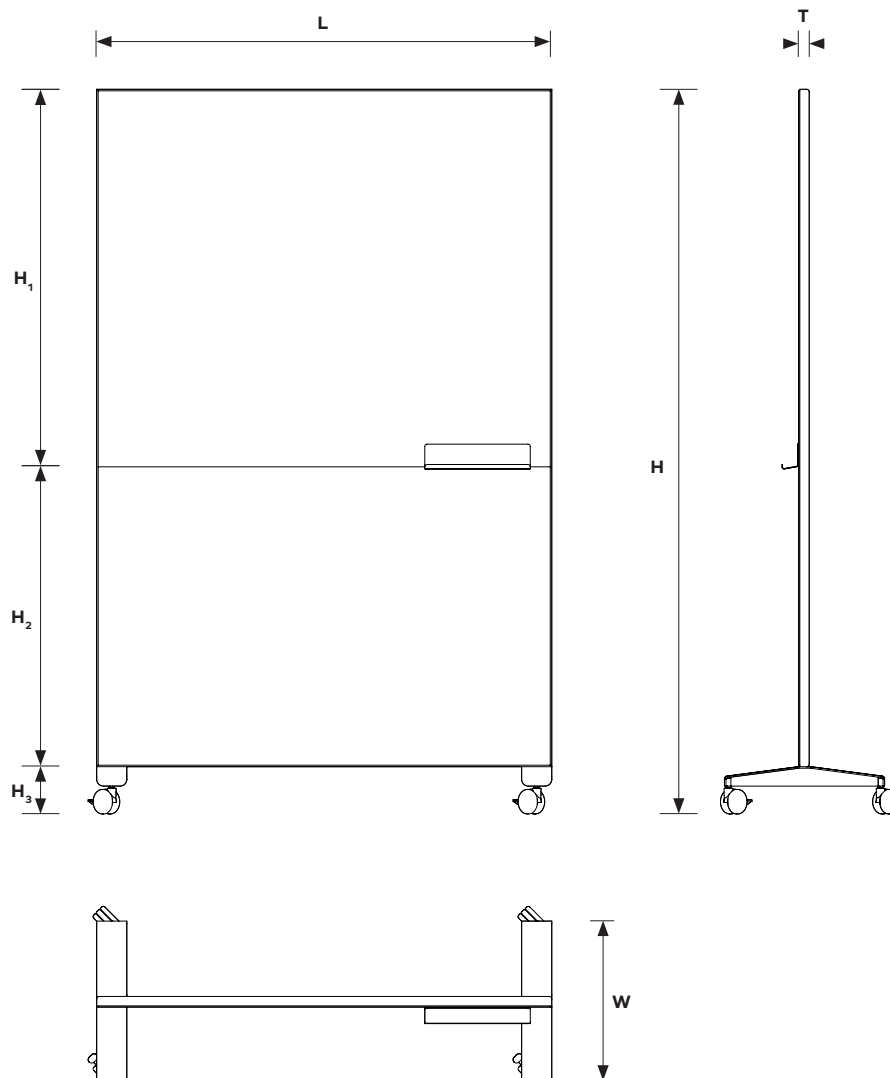


1 - all dimensions are nominal 2 - all weight values are nominal 3 - Impact Acoustic warranty terms apply

Grafo Acoustic Whiteboard

Geometry Information

Custom solutions available




Dimensions

| | | | |
|----------------------|------------------------|--------|----------------------------------|
| W | Lenght | 1208mm | 47.56" |
| H | Height total | 1923mm | 75.71" |
| H₁ | Height whiteboard | 1002mm | 39.45" |
| H₂ | Height PET | 796mm | 31.34" |
| H₃ | Height from the ground | 125mm | 4.92" <i>(excluding casters)</i> |
| W | Width | 425mm | 16.73" |
| T | Thickness | 28mm | 1.10" |

Grafo Acoustic Whiteboard

Installation Overview

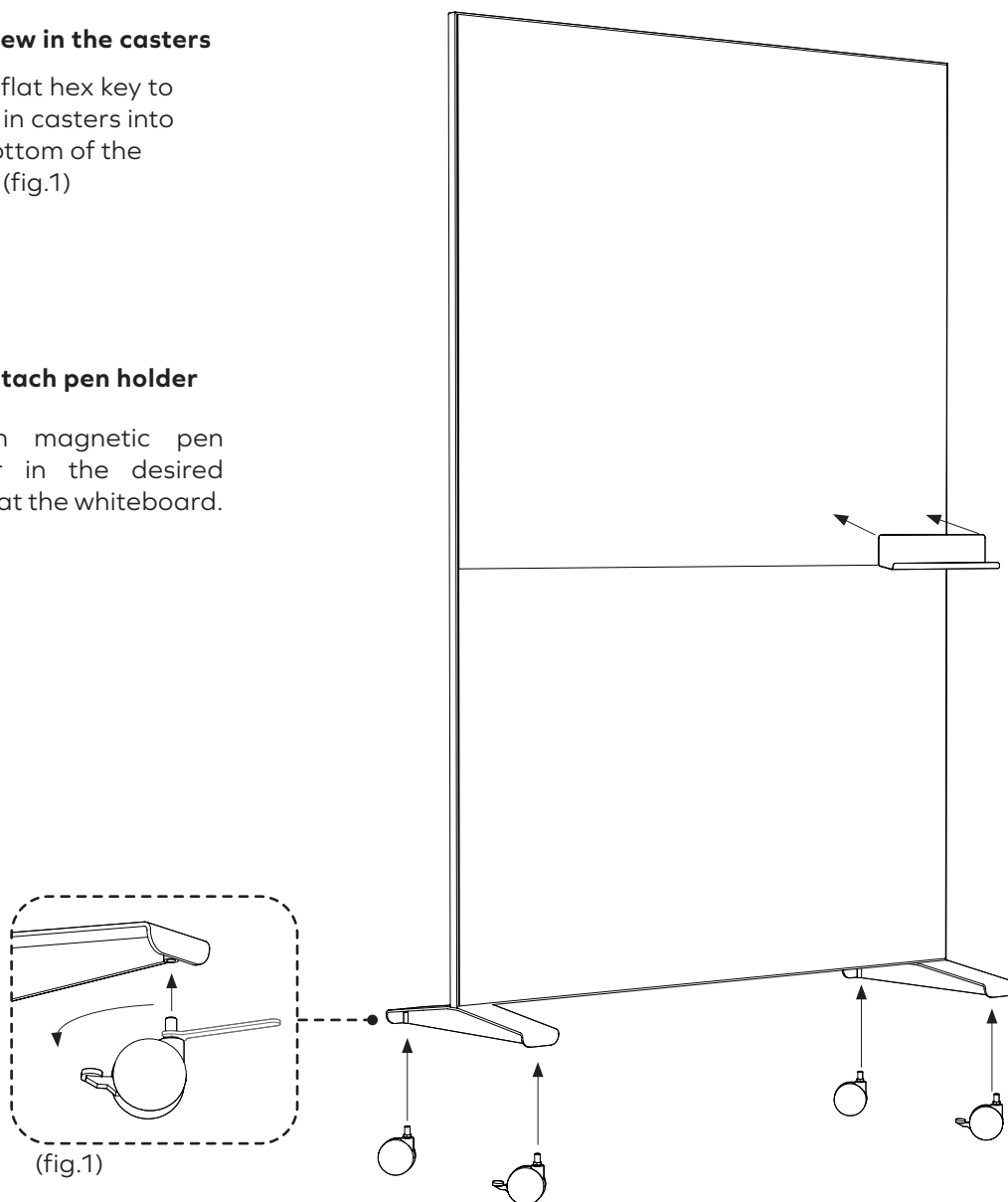
 Extended document available

1 Screw in the casters

Use a flat hex key to screw in casters into the bottom of the stand (fig.1)

2 Attach pen holder

Attach magnetic pen holder in the desired place at the whiteboard.



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 | 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



ARCHISONIC® Felt

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: α_w =0.65 | ASTM: NRC=0.9 ISO: α_w =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 | 28 Days French Regulation A+ ASTM E84 Pass Breeam® (International, UK, NL, SE, NOR) Exemplary 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



Grafo Acoustic Whiteboard

Acoustic Performance



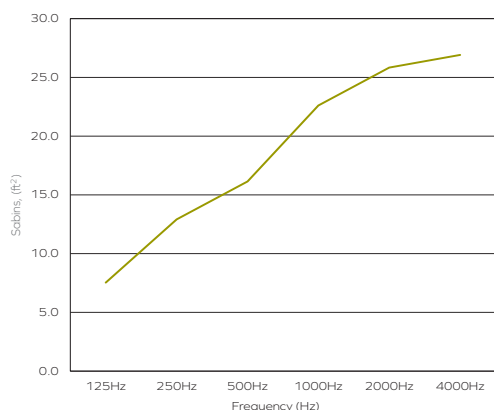
Testing Standards

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

| | α_w | 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.

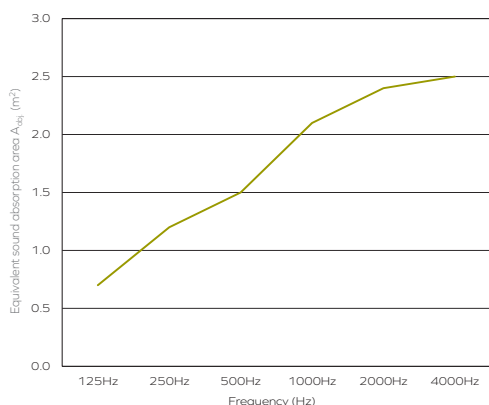


Acoustic Performance - ASTM Sabins , ft²

| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|----------------------------------|------|-------|-------|-------|-------|-------|
| Mobile Acoustic Whiteboard GRAFO | 7.53 | 12.92 | 16.15 | 22.60 | 25.83 | 26.91 |

The graph represents the Sabins (ft²) in the third octave band center frequencies.

● Mobile Acoustic Whiteboard GRAFO



Acoustic Performance - ISO A_{obj} , m²

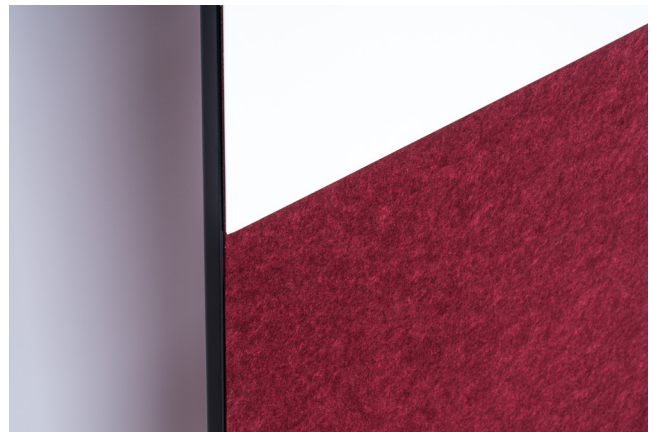
| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|----------------------------------|-----|-----|-----|------|------|------|
| Mobile Acoustic Whiteboard GRAFO | 0.7 | 1.2 | 1.5 | 2.1 | 2.4 | 2.5 |

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

● Mobile Acoustic Whiteboard GRAFO

Grafo Acoustic Whiteboard

Reference Projects



Grafo Acoustic Whiteboard

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 days¹ from your first point of contact, allowing you to focus on what truly matters to you.



Contact our
consultant

Quote¹

48 h



Order Confirmation

Production¹

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 question.



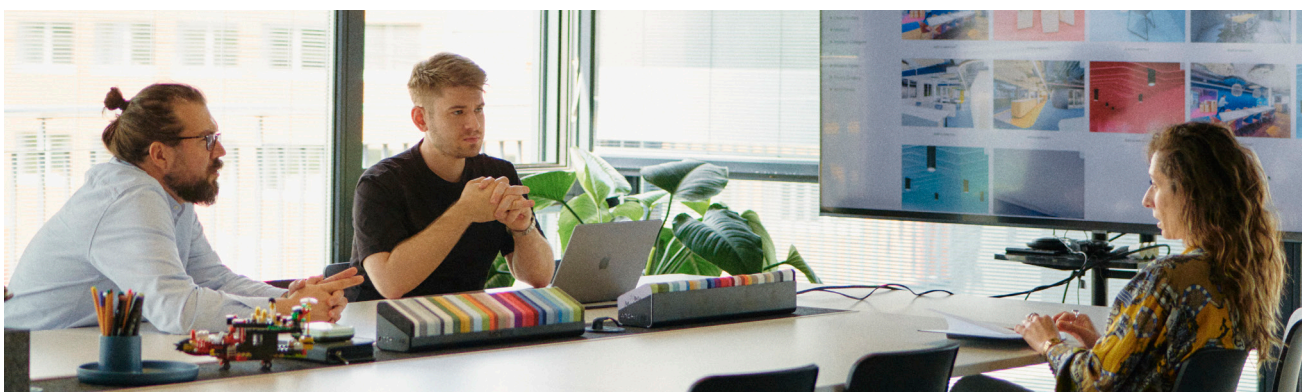
+41 41 566 55 55



connect@impactacoustic.com



Online form



¹ - Quote and Production times may vary.

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Impact**

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