Orion W - Bass Trap Wall

The Bass Trap Wall represents a significant upgrade in low-frequency acoustic control, designed to deliver high-performance absorption precisely where it's needed most. Constructed with dual independent cavities and featuring two finely tuned diaphragmatic membranes, the Bass Trap Wall effectively addresses low-end frequencies that are often difficult to manage.
A key component of its performance is the dual-membrane surface optimisation. The specialised polymer membrane works together with an internal absorber to achieve optimised performance. By targeting absorption specifically from 80Hz to 120Hz, it delivers exceptional results within the second and third octaves. This innovative configuration not only enhances low-frequency absorption but also allows the Bass Trap to be slimmer than ever. Combined with swappable fronts, it blends seamlessly with other acoustic treatments in the room.

Features

Pistonic Diaphragmatic Absorber
Absorption Range: 80 Hz to 120 Hz
Peak Absorption Frequency: 90 Hz

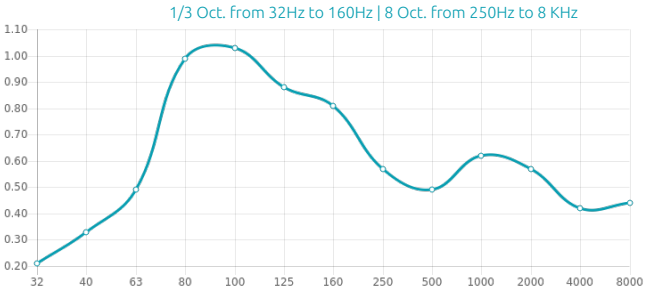
Purpose

- Room mode control
- Bass ratio control
- Low-frequency RT reduction
- Improving low-frequency response
- Reducing low-frequency time decay

Recommended for

- Vertical Wall
- Small Room Acoustics
- Acoustic pressure zones

Performance



Pistonic Diaphragmatic Absorber
Absorption Range: 80 Hz to 120 Hz
Peak Absorption Frequency: 90 Hz

This product is available in the following Fire Rate:
FG | Furniture Grade

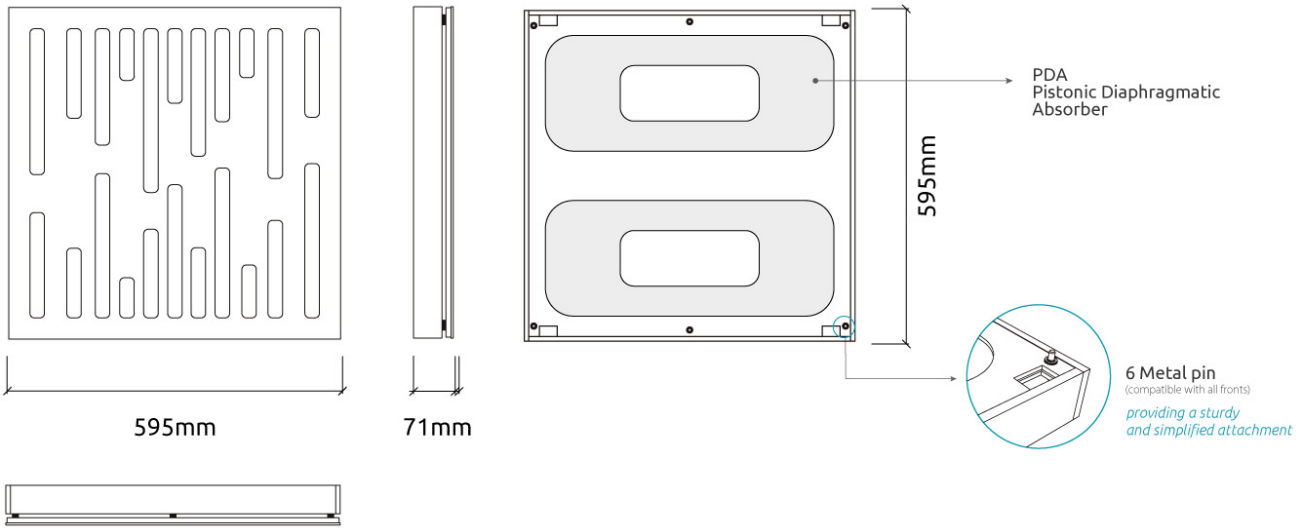
PRODUCT COMPOSITION:

Orion W Bass Trap Wall | Natural Wood
- Natural Wood
- Marine grade plywood structural frame
- Calibrated cell acoustic foam

Orion W Bass Trap Wall | Lacquered HMDF
- Lacquered HMDF
- Marine grade plywood structural frame
- Calibrated cell acoustic foam

Dimensions:
Orion W Bass Trap Wall | 595x595x71mm

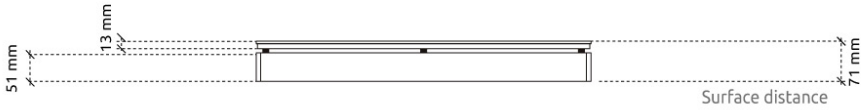
Dimensions



Fixing Systems

Integrated Fixing Systems





Dimensions	Weight
FG - LW | 595x595x71mm	7.07 Kg
FG - NW | 595x595x71mm	7.07 Kg

Box

Quantity per box: 2

Dimensions: 645x200x655mm

Volume: 0.084m3

Weight: 15.74Kg

Finishes

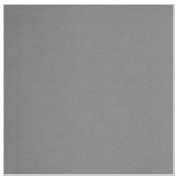
Orion W - Bass Trap Wall

(FG - LW) Lacquered Wood Finishes



FG | (L06) Noir Vintage

Retail code:
432221260011044



FG | (L20) Grey Aluminium

Retail code:
432221260011114



FG | (L10) Bronze

Retail code:
432221260013054

FG | (L21) Gloss White

Retail code:
432221260011124



FG | (L22) Jet Black

Retail code:
432221260011134



FG | Custom RAL

Retail code:
432221260010004



FG | (L24) Ruby Red

Retail code:
432221260011244

(FG - NW) Natural Wood Finishes



FG | (W08) Wenge Natura

Retail code:
431221260011084



FG | (W12) Ash Natura

Retail code:
431221260011124



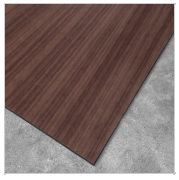
FG | (W17) Black Ash

Retail code:
431221260011174



FG | (W13) Oak Natura

Retail code:
431221260011134



FG | (W09) Black Walnut Natura

Retail code:
431221260011094