Siena K 24 Broad



Siena K Broad is a wooden-slatted panel, designed to improve the acoustic response and enhance speech intelligibility.
Siena K Broad is composed of a Siena K front fitted over a modular acoustic core. This core boosts mid-low frequency absorption, that translates into a deeper, richer, and more immersive audio experience. The modular frame also streamlines the installation process, allowing for seamless wall-to-wall installations.

At low frequencies, loudspeakers become omnidirectional, radiating sound equally in all directions, including backwards towards the wall. This reflected sound wave interferes with the forward-going wave, causing destructive interference and dips in the frequency response. This results an uneven bass response, which can negatively impact your listening experience. This modular acoustic core combined with the 7mm spacing between the slatted front increases sound absorption in these problematic low frequencies, allowing for greater flexibility in speaker placement without compromising sound quality. Furthermore, Siena K Broad combines targeted absorption of mid-low frequencies with a slat arrangement based on the pattern a one-dimensional binary reflection amplitude grating, this design disrupts predictable sound diffraction patterns, leading to an even distribution of reflected sound energy across different frequencies and angles. This translates to a more balanced and consistent listening experience throughout the space.

Features

Type:
Absorber

Absorption Range:
200 Hz to 5000 Hz

Acoustic Class:
Class B | (aw) = 0,85

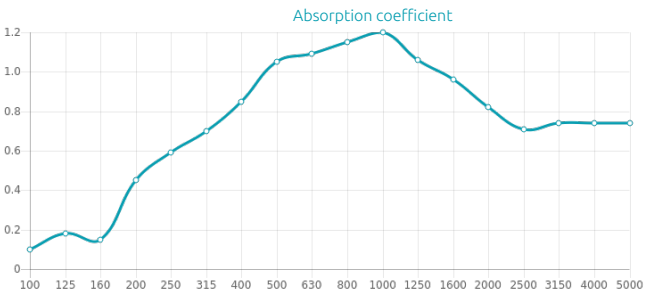
Purpose

- RT reduction
- Flutter echo control
- Reducing excessive reverberation
- Improving speech intelligibility

Recommended for

- Hi-Fi Listening Room
- Living Room

Performance



Recycled PET absorption - Class 1 product according to the OEKO-TEX@ Standard 100.

———

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

———

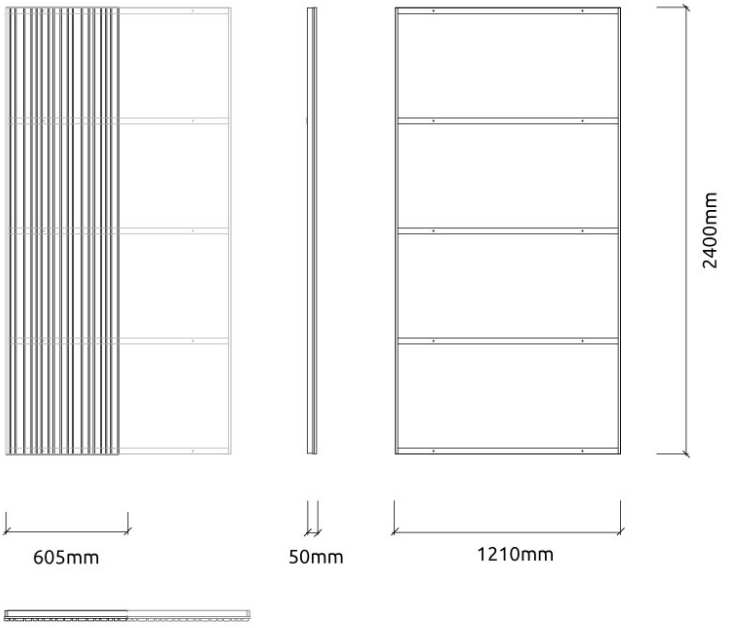
PRODUCT COMPOSITION:

Siena K 24 Broad | Natural Wood Veneer (FG)
- 10mm thick slatted front
- 9mm dense PET layer
- 30mm acoustic core for increased absorption
- Structural frame for seamless installation
- Slats in varying widths set 7mm apart, designed in an Artnovion sequence

———

Dimensions:
Siena K 24 Broad | 605x2400x50mm

Dimensions



Fixing Systems

Integrated Fixing Systems



Dimensions	Weight
FG - LW | 605x2400x49mm	54.6 Kg
FG - NW | 605x2400x49mm	54.6 Kg

Box

Quantity per box: 4

Dimensions: xxmm

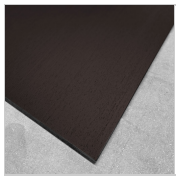
Volume: 0.0m3

Weight: 61.5Kg

Finishes

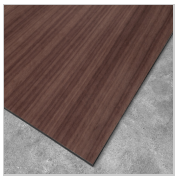
Siena K 24 Broad

(FG - NW) Natural Wood Finishes



FG | (W08) Wenge Natura

Retail code:
388113241061082



FG | (W09) Black Walnut Natura

Retail code:
388113241061092



FG | (W12) Ash Natura

Retail code:
388113241061122



FG | (W13) Oak Natura

Retail code:
388113241061132



FG | (W18) White Oak

Retail code:
388113241061182



FG | (W19) Black Oak

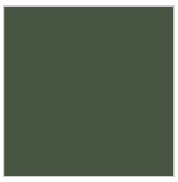
Retail code:
388113241061192

(FG - LW) Lacquered Wood Finishes



FG | Custom RAL

Retail code:
389113241060002



FG | (L27) Olive Green

Retail code:
389113241063272



FG | (L28) Grey Beige

Retail code:
389113241063282

FG | (L16) White Matte - RAL 9003

Retail code:
389113241063082



FG | (L17) Black Matte - RAL 9005

Retail code:
389113241063092