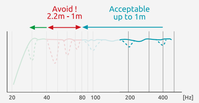


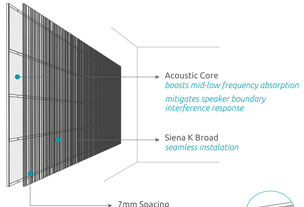
Siena K Broad,

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 in 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.





Siena K Broad Diagram



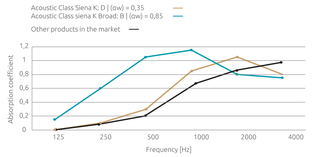
Natural Wood Finishes



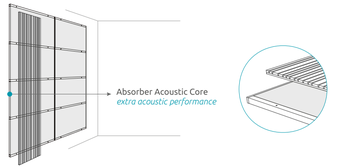
Wenge Natura | Oak Natura | Ash Natura | Black Ash Natura * | Black Walnut Natura

*Only available on Siena K Broad

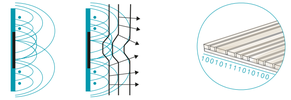
Acoustic Performance



The modular core specifically absorbs mid-low frequencies, resulting in a more immersive audio experience by improving your speaker response.



One-dimensional Binary Reflection Amplitude Grating



The pattern of wooden slats, along with the 7mm spacing, scatters the incoming sound waves, thereby distributing the reflected sound energy across time.

