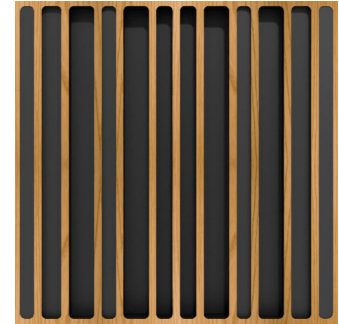
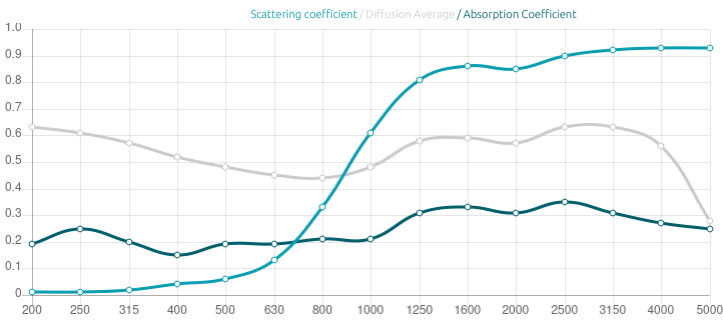
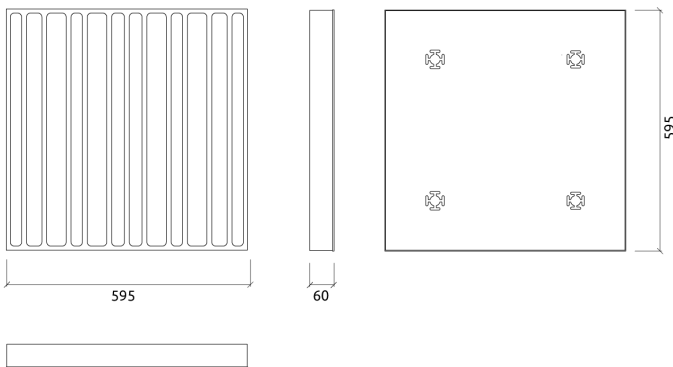




Performance



Technical Information



Features

Why use diffusion?

Diffuser panels scattering incoming sound waves into smaller, lower energy waves, scattered over a large area. These scattered reflections create a homogeneous sound field distribution and a full, balanced acoustic response. This improves speech intelligibility, music quality, and creates a more uniform, larger sweet spot.

Type: 1D - QRD Diffuser

Scattering range: 350 Hz to 6000 Hz

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

PRODUCT COMPOSITION:

Lagos W | Natural wood veneer (FG)
- Natural wood veneer
- HMDF and plywood structure

Lagos W | Lacquered HMDF (FG)
- Lacquered HMDF
- HMDF and plywood structure

Integrated Fixing System

This panel can be rotated 90° to any orientation

Lagos is designed to be used with other Artnovion products, with the same thickness as our standard absorbers once installed. Lagos is hung on screws, and can be installed on any surface, in any orientation.

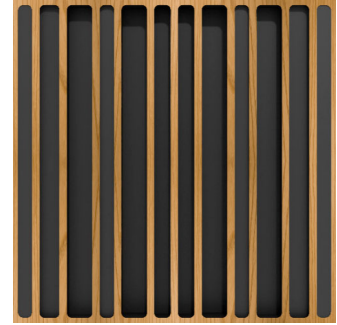
Dimensions:

FG - LW | 595x595x60mm | 4.06 Kg
FG - NW | 595x595x60mm | 4.06 Kg

Lagos is the result of extensive research into diffusion techniques – it is based on a traditional QRD diffuser, but combine varying widths with each cell depth, overcoming some of the limitations of the standard QRD diffuser.

The phase grating surface of the diffuser is designed to provide a more uniform sound field through mid-high frequency diffusion. The well depths are individually tuned to enhance performance at certain frequencies, essentially increasing the effective range of the panel, without compromising the overall linear response – Lagos performs 15-20% lower with a linear frequency response.

The panels' semi-cylindrical response pattern makes it the perfect solution for multichannel rooms and can easily be installed in specific arrays to provide 2D diffusion. Lagos is available in both wood and fabric finishes, making it a versatile solution to match your performance and design requirements.



Product finishes

(FG - LW) Lacquered Wood Finishes



FG | (L06) Noir Vintage



FG | (L07) Graphite Black



FG | (L09) Classic Gold



FG | (L10) Bronze



FG | (L20) Grey Aluminium



FG | (L21) Gloss White



FG | (L21) Gloss White |
White Interior



FG | (L22) Jet Black



FG | Custom RAL

(FG - NW) Natural Wood Finishes



FG | (W04) Fagus | Fagus
Interior



FG | (W08) Wenge Natura



FG | (W09) Black Walnut
Natura



FG | (W11) Okoumé
Natura



FG | (W12) Ash Natura



FG | (W13) Oak Natura

Purpose

- Improving low Frequency response
- Flutter echo control
- Specular reflection control
- Enlarging sweet spot

Recommended for

- Hi-Fi Listening Room
- Media Room
- Home Cinema