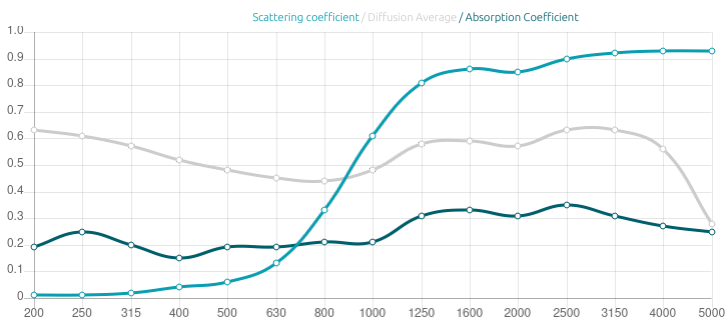
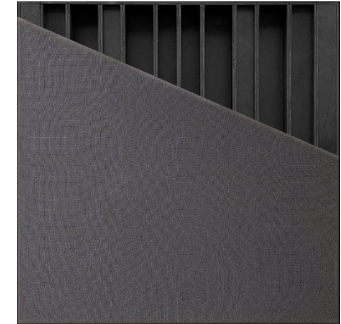
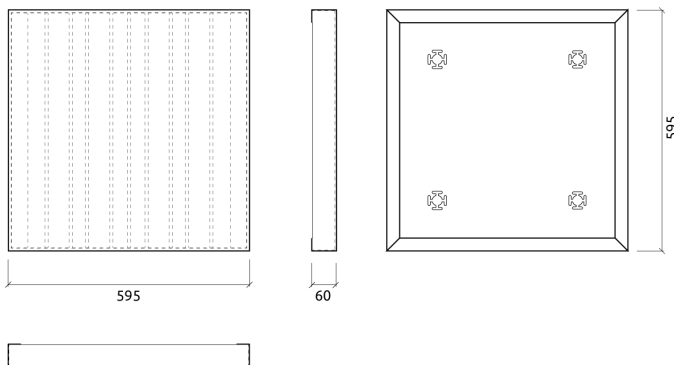




Performance



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 F | Weave Fabric Finish (FG) *
- Weave Acoustic Fabric
- HMDF and plywood structure

* Weave Fabric
100% Polypropylene
Certified to the EU Ecolabel
Certified to Indoor Advantage™ Gold
EN 13501-1 - Class B, s2, d0
Light Fastness - 6 (ISO 105 - B02)
Fastness to Rubbing - Wet: 4, Dry: 4 (ISO 105 - X12)
Cleaning - Vacuum regularly, wipe with a damp cloth using a proprietary upholstery shampoo/soap. For deeper cleaning use bleach or alcohol.

Integrated Fixing System
This panel can be rotated 90° to any orientation

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. Using exclusive acoustically transparent fabric. A discreet fabric-covered diffuser that preserves all the functionality of the diffuser, whilst fitting perfectly into a continuous fabric design.

Dimensions:



Lagos Fabric Diffuser










Lagos Fabric 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.

Using exclusive acoustically transparent fabric.
A discreet fabric covered diffuser that preserves all the functionality of the diffuser, whilst fitting perfectly into a continuous fabric design.

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.

Product finishes

(FG - WF) Weave Fabric Finishes - NEW

				
FG (TC240) Black	FG (TC241) Lerwick	FG (TC242) Merrick	FG (TC243) Lead	FG (TC244) Chaucer
				
FG (TC245) Glass	FG (TC246) Easdale	FG (TC247) Walten	FG (TC248) Vit	FG (TC249) Austen
				
FG (TC250) Beltane	FG (TC251) Shetland	FG (TC252) Maree	FG (TC253) Fair Isle	FG (TC254) Carron
				
FG (TC255) Lossie	FG (TC256) Tummel	FG (TC257) Pitlochry		

Lagos F - Diffuser
Stealth line | QRD Diffuser



Purpose

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

Recommended for

- Home Cinema
- Home Theater
- Media Room
- Living Room