Lagos F - Diffuser



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.

Features

Type:
1D - QRD Diffuser

Scattering range:
350 Hz to 6000 Hz

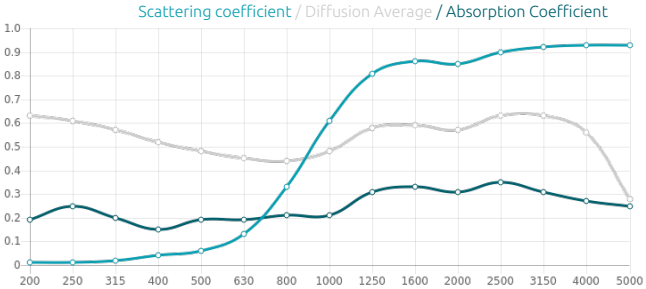
Purpose

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

Recommended for

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

Performance



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.

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.

CUSTOM EXTENDED COLOURS CATALOGUE
The Extended Colours Catalogue offers a selection of custom finishes available on request, in addition to our standard range.

Download our Custom Extended Colours Catalogue here.

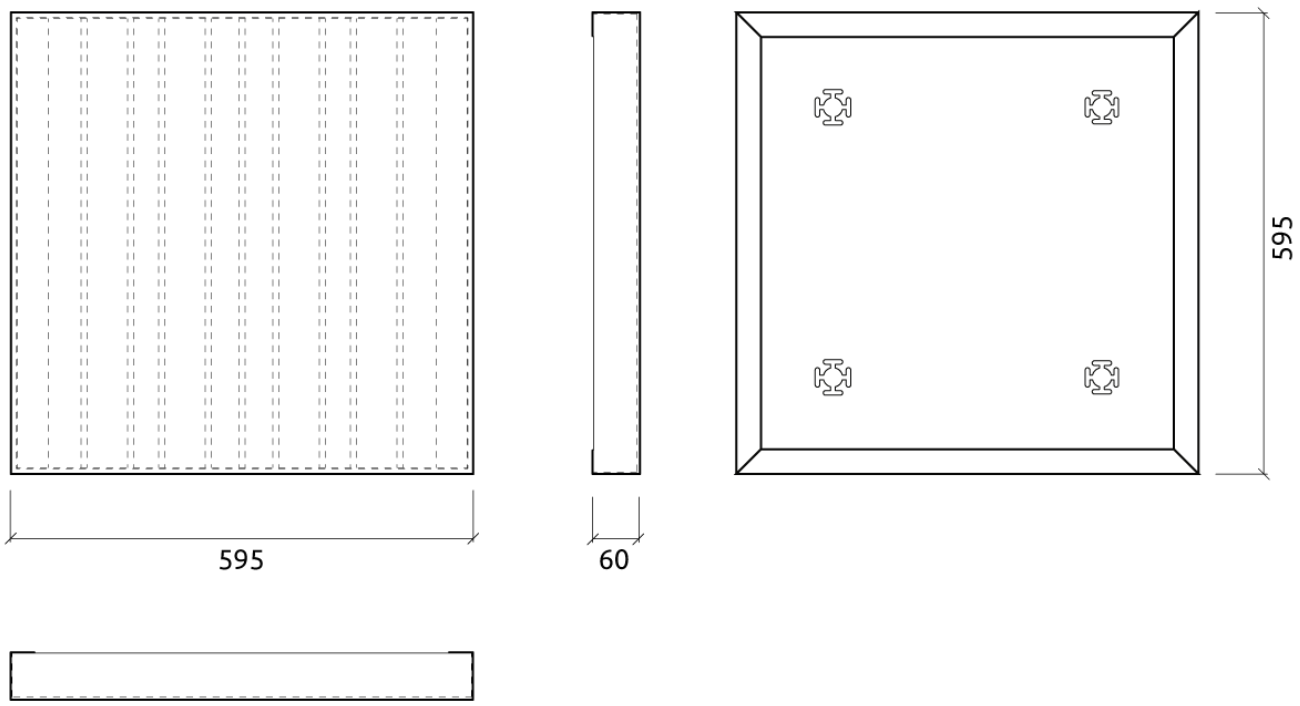
Dimensions:
Lagos F | 595x595x56mm

Integrated Fixing System
This panel can be rotated 90º 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.

Goes with Sparta Absorber

Dimensions



Dimensions

FG - WF | 595x595x60mm

Weight

4.08 Kg

Box

Quantity per box: 4

Dimensions: 645x255x655mm

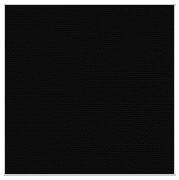
Volume: 0.108m3

Weight: 19.36Kg

Finishes

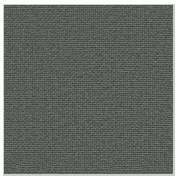
Lagos F - Diffuser

(FG - WF) Weave Fabric Finishes



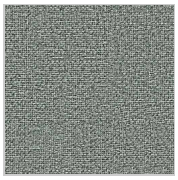
FG | (TC240) Black

Retail code:
218021610012401



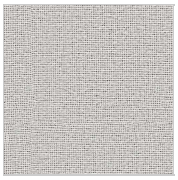
FG | (TC242) Merrick

Retail code:
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FG | (TC243) Lead

Retail code:
218021610012431



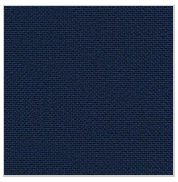
FG | (TC245) Glass

Retail code:
218021610012451



FG | (TC246) Easdale

Retail code:
218021610012461



FG | (TC247) Walten

Retail code:
218021610012471

FG | (TC248) Vit

Retail code:
218021610012481



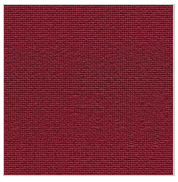
FG | (TC250) Beltane

Retail code:
218021610012501



FG | (TC251) Shetland

Retail code:
218021610012511



FG | (TC256) Tummel

Retail code:
218021610012561