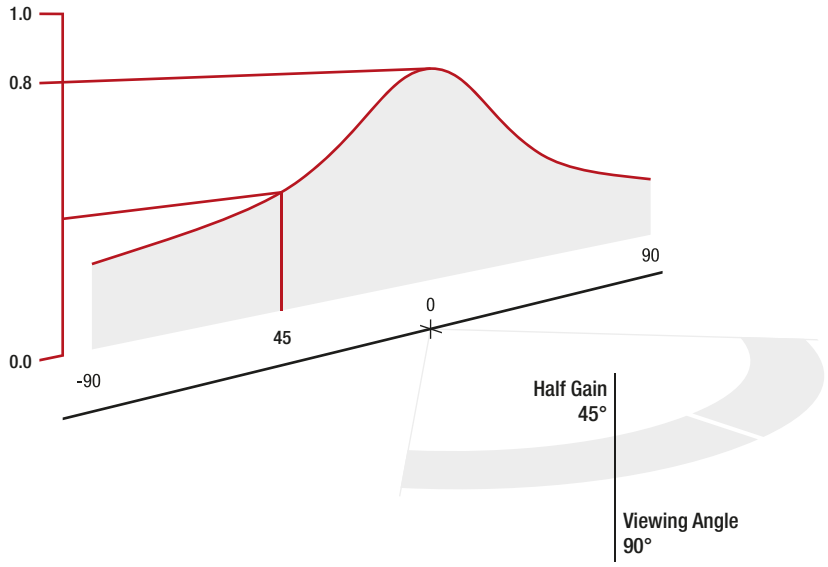
FusionPix™

SCREEN RESEARCH



FusionPix™ 2 Sonic Grey 0.8

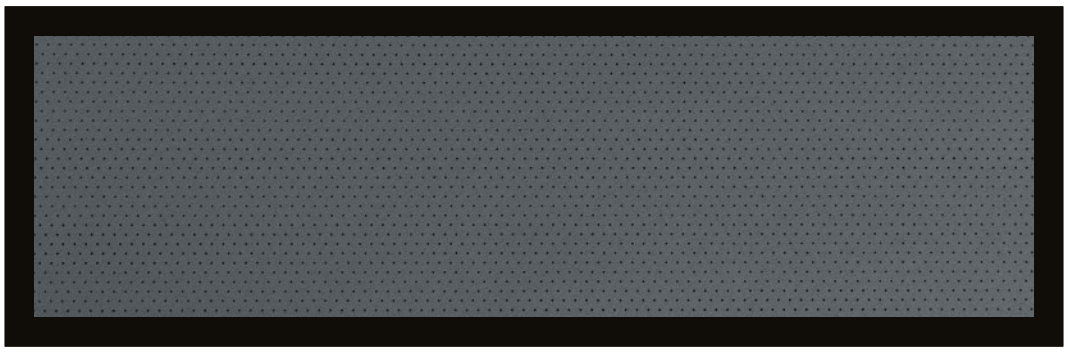
Acoustically transparent version of our best ambient light rejecting screen material (FusionPix 2 Grey 0.9) with micro-holes of 0.5mm of diameter, allowing this material to be used in all those application where good acoustical transparency is needed. In addition to high resistance to ambient light, it offers spectacular HDR images with an extreme sense of depth in projected images, in particular with extremely deep blacks. It can also be used in combination with Short Throw (ST) projectors. This screen material is ISF and PVA certified.

Features

> ALR micro perforated grey screen material
> Ideal for true HDR projection applications requiring resistance to ambient light
> Reference contrast-ratio perfomance with deep black levels
> Compatible with Short Throw (ST) projectors
> Designed for Ultra HD resolutions
> Optical particles and substances are fusioned within the screen material
> Resistent and stable over time front surface
> ISF® and PVA certified

*Please check available screens for this projection surface on our pricelist.

Sample



FusionPix™ 2 Sonic Grey 0.8

0.8 Gain

ALR Surface

Acoustically Transparent

90° Viewing Angle

4K Ultra HD

Short Throw

3D Active

3D Passive Spectral

isf®

PVA Certified

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Please verify that you are working with the latest version of this document before specifying your screen, as indicated on the Screen Research website.
www.screenresearch.com

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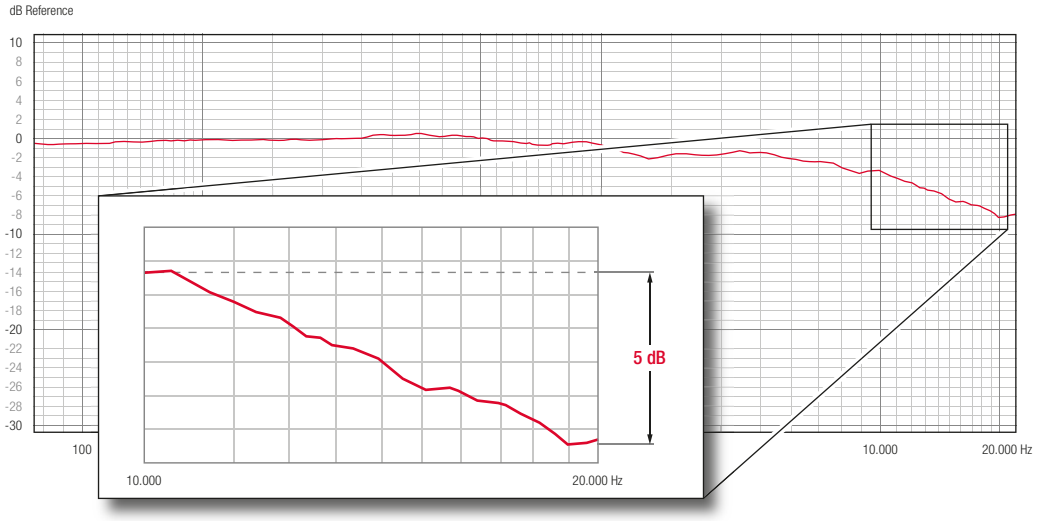
Specifications

Material Type	Flexible Front Projection
True Gain	0.8
Half Gain	45°
Viewing Angle	90°
Resolution	4K Ultra HD Compatible
Minimum Throw Distance	ST
Acoustic Transparency	5dB of Acoustic Loss Between 10kHz and 20kHz
ALR Ambient Light Rejection	9/10
Lay Flat Quality	Excellent
Flame Resistance	Yes

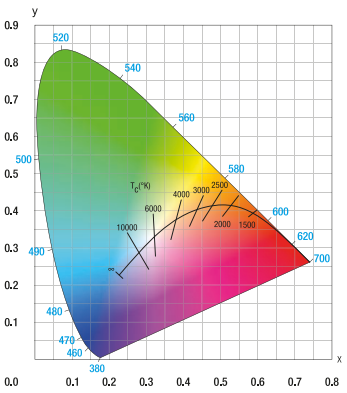
Acoustic Transparency



Acoustical transparency is tested with impulse response measurements using a Log-Sine Sweep test signal and repeated eight (8) times. A measurement microphone is placed at a distance of 1m from the loudspeaker used for the test. First the system measures itself and the surrounding environment and the result is used as a transfer function for subsequent measurements. This provides a reference flat line response from 80Hz-22kHz (0dB line). Then, a 1m x 1m section of screen material is placed in front of the loudspeaker and measured. The results shown above are the deviations from the flat-line response caused by placing the screen material in front of the loudspeaker. Loss caused by the screen is indicated as a dB change between 10kHz and 20kHz.

Reference Color Accuracy

At Screen Research we are very dedicated to achieve a flat spectral response with our screens. Our screen materials are designed to be easily calibrated to D65. Particular attention is dedicated to achieve a flat spectral response off-axis and to avoid even the smallest color-shifts, not only on-axis, but throughout the whole recommended viewing angle.



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