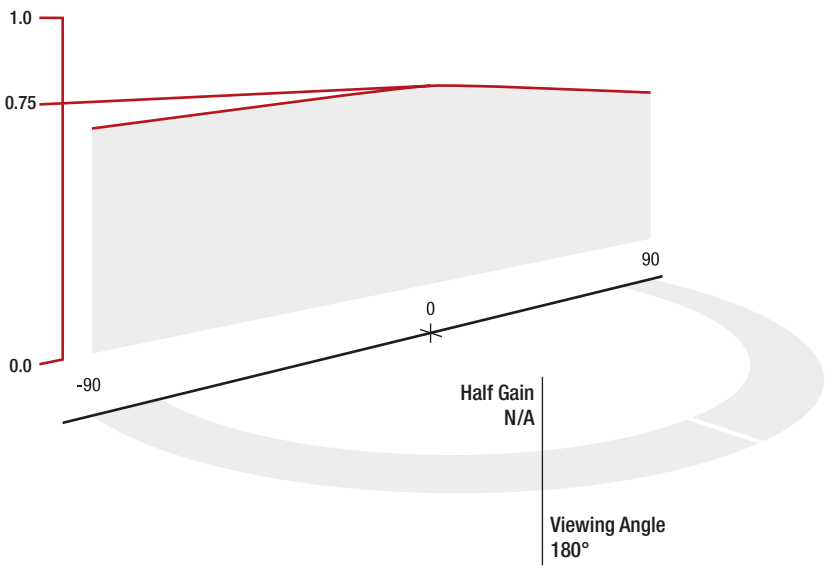
SCREEN RESEARCH

SolidPix™ Sonic White 0.75



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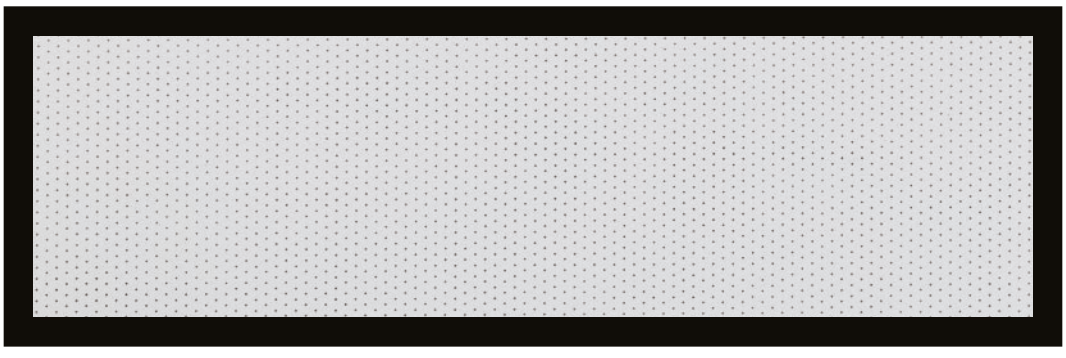
Acoustically transparent surface of the SolidPix™ fabric family, with excellent color balance and off-axis gain, resulting in no hot spots, and ensuring a satisfactory experience for the audience.
It can be used with all types of projectors, in combination with the entry-level motorized screen models from the Classic line (CLCLT, CLCTS and CLIC) and the SLMF multi-format projection screen.

Features

> Micro-perforated white screen material
> Compatible with controlled ambient light conditions
> Screen material with excellent color balance and white field uniformity
> No hot spots or loss of gain angle at the edges of the screen
> Suitable to be mounted only with the SLMF, CLCLT, CLCTS and CLIC screen models
> Resistant front surface
> ISF® and PVA certified

0.75 Gain
Acoustically Transparent
Full Viewing Angle
4K Ultra HD
Ultra-Short Throw
3D Active
3D Passive Spectral
isf®
PVA Certified

Sample



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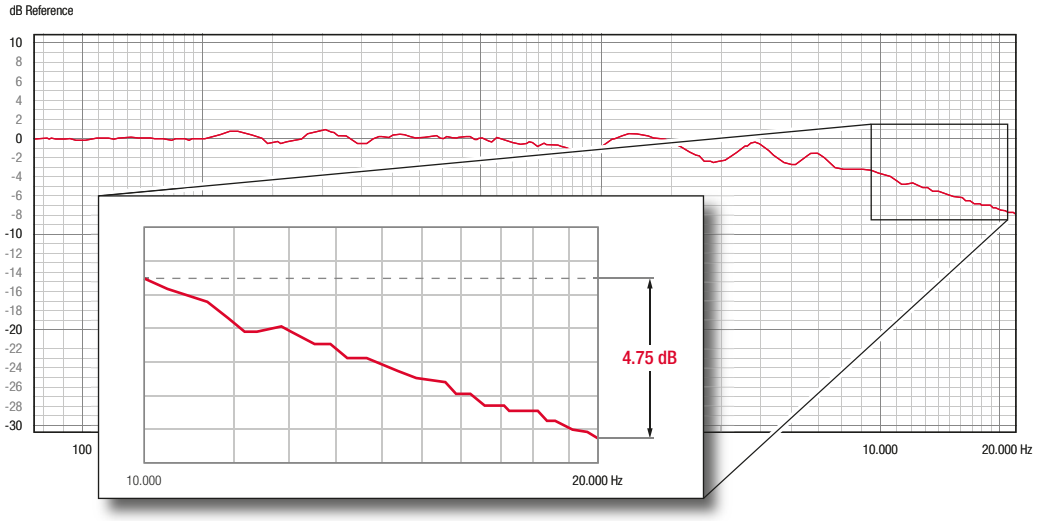
Specifications

Material Type	Flexible Front Projection
True Gain	0.75
Viewing Angle	180°
Resolution	4K Ultra HD Compatible
Minimum Throw Distance	UST
Acoustic Transparency	4.75dB of Acoustic Loss Between 10kHz and 20kHz
ALR Ambient Light Rejection	2/10
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.