

SolidPix™ Sonic White 0.9

Acoustically transparent version of SolidPix™ White 1.0 material and previously known as PerfPix™, has been now renamed. Perfect color balance and off-axis gain, resulting in no hot spots and ensuring the best video presentation for the entire audience.

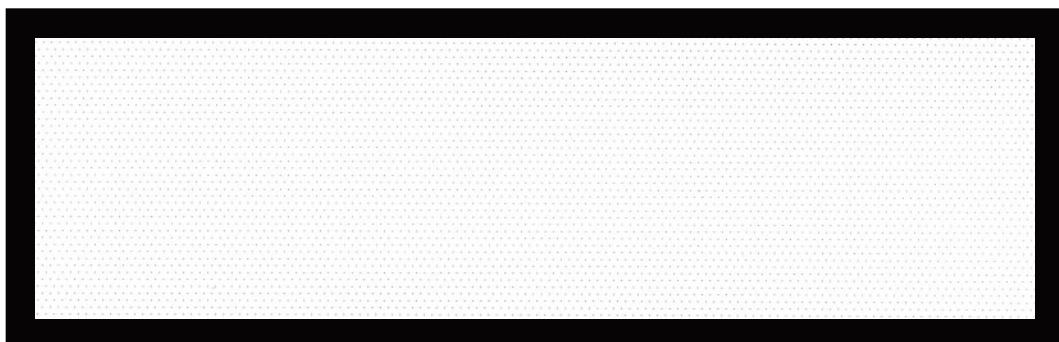
Excellent color and gain performance makes SolidPix™ fabrics ideal for use with all types of projectors, particularly with the increased demand of high definition materials. Suitable to be used with all fixed and motorized screen models, SolidPix™ is also compatible with Screen Research's E-Grip™ screen material attachment system.

Features

- > Micro-perforated white screen material
- > Compatible with controlled light conditions
- > Unity gain screen material with perfect color balance and white field uniformity
- > No hot spots or loss of gain angle at the edges of the screen
- > Resistant front surface
- > ISF certified

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

Sample



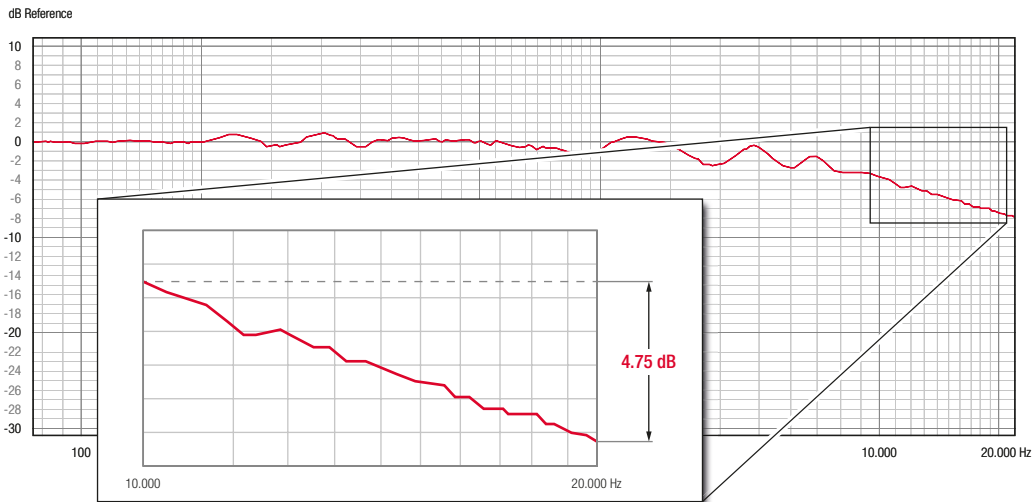
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Material Type

Material Type	Flexible Front Projection
Gain	0.9
Half Gain	N/A
Viewing Angle	160°
Minimum Recommended Width for 4K	2.5m
Minimum Throw Distance	N/A
Video Transparency	1%
Video Transparency (incl. BB Layer)	N/A
Acoustic Transparency	-4.75dB (10kHz – 20kHz)
Acoustic Transparency (incl. BB Layer)	N/A
Ambient Light Resistance	2/10
Lay Flat Quality	Excellent
Flame Resistance	Yes

Acoustic Transparency



Acoustical transparency is tested with impulse response measurements using Log-Sine Sweep test signal, repeated 8 times. A measurement microphone is placed at a distance of 1m from loudspeaker used for the test. First, measurement system itself is measured and result is used as a transfer function for subsequent measurements. This allows to have a reference flat line response from 80Hz-22kHz of the measurement system (0dB line). Then, 1mx1m screen material sample is placed in front of the loudspeaker and measured. Result shown above is the deviation from a flat-line reference 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.

