

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.

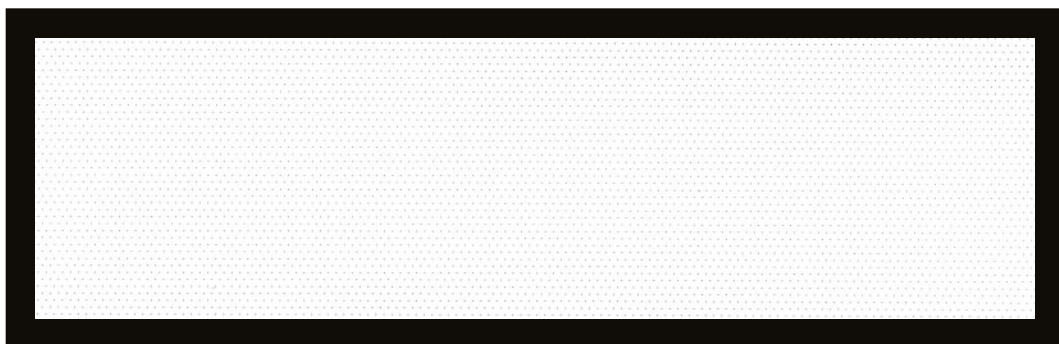
Excellent color and gain performance makes SolidPix™ fabrics ideal for use with all types of projectors, particularly with the increased demand of high definition materials. Suitable to be used with all fixed and motorized screen models, SolidPix™ is also compatible with Screen Research's E-Grip™ screen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

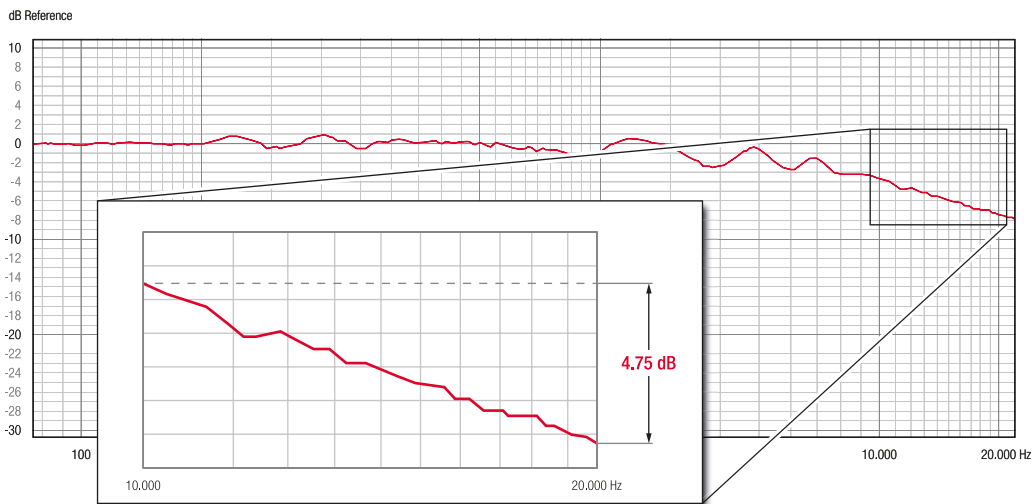
Sample



Material Type

| | |
|--|---------------------------|
| Material Type | Flexible Front Projection |
| Gain | 0.9 |
| Half Gain | N/A |
| Viewing Angle | 160° |
| Minimum Recommended Width for 4K | 2.5m (or 100") |
| Minimum Throw Distance | 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 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.

