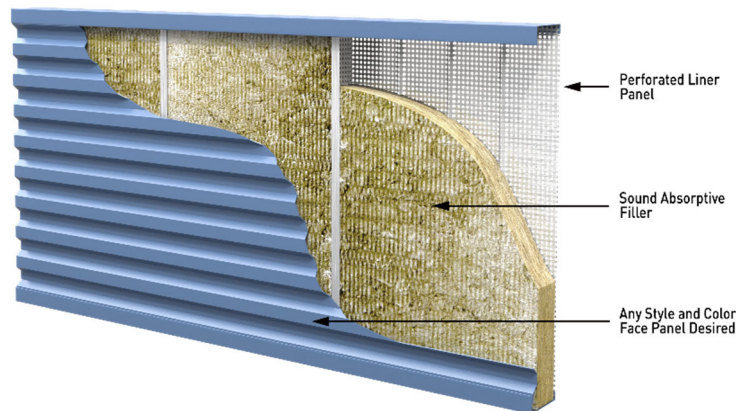


SoundGuard™ Acoustic Liner Panel Options



SoundGuard™ Acoustic Panel System

Description:

The SoundGuard™ Acoustic Panel System is a 4" thick sound attenuating barrier assembly that utilizes a 24ga metal perforated panel on the back side that not only retains the sound absorbing mineral wool, but also provides a backing substrate for the face panels to attach to. The Perforated Liner Panel is available in two different materials, Galvalume or Steel Stainless Steel. Site conditions will be the main determining factor as to what panel type is ideal for each project.

Galvalume Steel:

Galvalume panels are our more economical option for non-corrosive environments. Galvalume Steel is made from a 24ga carbon steel base sheet that is then coated with a 43.4% Zinc, 55% aluminum & 1.5% silicone alloy. It looks similar to galvanized steel but is more corrosion resistant. Galvalume's self-healing characteristics help control rust at any cut edges or hole perforations making it an ideal material for perforated panels. Galvalume panels should not be used in highly corrosive environments or near salt or brackish bodies of water. Galvalume panels should also not be used if attaching directly to concrete or mortar. The alkalinity of concrete and mortar can cause the Galvalume panels to rapidly corrode.

Stainless Steel:

Stainless Steel panels are considered our premium SoundGuard™ liner panels. They are made from a 24ga 304 Grade Stainless Steel coil in a 2B finish (mill finish). Stainless Steel panels are more costly but they also offer better corrosion resistance than Galvalume Steel. This panel is recommended for highly corrosive environments such as projects near salt or brackish bodies of water.

Galvalume Warranty Info:

- When Roofscreen provides project design and engineering calculations, and the project site is 2 miles or greater from salt or brackish water, a 20 year warranty is included.
- When Roofscreen provides project design and engineering calculations, and the project site is greater than 1 mile but less than 2 miles from salt or brackish water, a 5-year limited warranty is included.
- When Roofscreen provides project design and engineering calculations, and the project site is 1 mile or less from salt or brackish water, a 3-year limited warranty is included.

Stainless Steel Warranty Info:

- When Roofscreen provides project design and engineering calculations, a 20-year limited warranty is included.