

GREEN AND LEAN : ECO-FRIENDLY ACOUSTIBLOK

GRAND CANYON QUIET AGAIN

Preventing noise pollution in the Grand Canyon National Park has been one of the latest assignments for Acoustiblok in the USA.

Acoustiblok's high performance sound isolation material provided the much needed solution at the world renowned national park. Both noise pollution and erosion problems were solved with Acoustiblok's All-Weather Sound panels.

Dave Welborn, from the Grand Canyon National Park said: *"Acoustiblok works very well... now the air intake noise cannot be distinguished from the ambient noise of surrounding equipment."*

Acoustiblok, a unique mineral-filled material with a density and mass of 11lb per square foot, is more effective than lead or concrete block, yet thin and easy to install.

A standard metal stud wall with only one layer of Acoustiblok offers more sound reduction (STC 53 Lab Test) than a 12" solid poured



concrete wall (STC 51). The UL certified material has also been specified in plans for Trump Towers in Chicago and Las Vegas.

Lahnie Johnson, Acoustiblok President, added: *"We know Acoustiblok is a sound isolation material of unmatched capabilities. Nothing else on the market rivals it."*

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ACOUSTIBLOK: THE GREEN FACTS

Stops Noise Pollution

Noise is any unwanted sound. As noise pollution increases with development and population growth, Acoustiblok restores serenity simply and affordably.

Acoustiblok turns walls, floors and ceilings into an airtight barrier, *thus blocking sound waves*. At only three millimetres in width, flexible Acoustiblok *absorbs acoustical energy* and allows for sound energy loss. The material also *prevents lateral waves from transmitting sound* through structures by flexing and dissipating lateral wave energy and is a sound barrier more effective than lead.

Made with Recycled Materials

Composed of over 35% recycled materials, proprietary mineral-filled Acoustiblok is designed with the Earth in mind. Development of Acoustiblok follows a continuum of increasing recycled content and reducing noise pollution.

Non-Corrosive

Acoustiblok is a stable, non-reactive material with no reactivity conditions to avoid, as stated on the Acoustiblok Materials Safety Data Sheet. Acoustiblok affords a long-term sustainability option for green customers.

Contains No Lead or Asbestos

Acoustiblok contains no lead or asbestos materials, eliminating substantial health hazards. It is a mass-loaded, mineral-filled proprietary material that is environmentally friendly and extremely effective at reducing sound transmission.

Non-Hazardous

Acoustiblok is not hazardous as defined in OSHA's Hazard Communication Standard, 29 CFR 1910.1200. By this same standard, Hazardous Decomposition or Byproducts will not occur. Acoustiblok poses no known health hazards. Acoustiblok is UL Classified for use in walls, floors and ceilings.

Mould, Mildew and UV Resistant

Acoustiblok is mould, mildew and UV Resistant. Acoustiblok has the highest ASTM lab test rating (10) for mould fungal growth, indicating no fungal growth. The fungal resistance testing of Acoustiblok was conducted in accordance with ASTM D 3273, "Standard Test Method for Resistance to Growth of Mould on the Surface of Interior Coatings in an Environmental Chamber" and ASTM D 3274, "Standard Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation." Acoustiblok passed testing with the highest ratings and absence of mould or mildew.

Award Winning

Acoustiblok has received a Defra-backed award for Innovation and Technology presented at the House of Commons.