



MEMBER

*decoustics*

## Environmental Information – Acoustic Panels

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The vast majority of our panel cores are comprised of 6-7 lb/cu.ft. (96-112kg/cu.m.) density fiber glass, consisting of a cured urea and phenol-formaldehyde resin binder. AQS of Atlanta determined formaldehyde emissions on a composite panel with a 100% polyester finish as being less than 0.05ppm. Total VOC emissions were found to be in compliance with State of Washington IAQ requirements when tested in accordance with ASTM D5116. Particle emission testing, of a typical finished panel, at AQS resulted in no detectable fibres.

The fiber glass core material contains between 20% and 30% of post-consumer recycled material (this amount varies with different manufacturers), and on-line manufacturing edge trimmings are re-cycled back into the product being manufactured.

Decoustics uses a computer-nesting program to optimise raw material and minimize off-cuts and scrap.

Decoustics utilizes a water jet cutting system, which virtually eliminates dust from the cutting of the fiber glass core.

Decoustics uses HVLP spray systems for adhesive and coating applications, which minimize over-spray and “mist” (maximize usage), in manufacturing.

As a custom manufacturer of acoustical products, there should be no need to adjust the panels on site (no cutting and no scrap), as the product will be manufactured

to the actual field dimensions.

If the project has been quoted with panels that have extruded aluminium edges (or the Ceilencio Custom grid), all off-cuts and scrap aluminum is re-cycled. (Note: It is possible for us to order 100% recycled aluminium for the project if required – this could result in additional cost).

The finish material is specified by the architect or designer for each project. There are several 100% re-cycled polyester fabrics available, and suitable, for application to acoustical products. The Claro finish does not have any re-cycled content.

There is no pre-defined life for our products - some have been in place for over 20 years. As finish trends and interior designs change some customers choose to replace the panels, or in some cases, they can be re-covered with a new finish material.

All of Decoustics products are shipped in wooden crates (consisting of wood and re-cycled wood (particle board or MDF)) unless specifically requested otherwise.

Decoustics is a member of the U.S.G.B.C. (United States Green Building Council). We are very aware of the environmental requirements for new buildings, and we are committed to testing and researching our current and new products to ensure they are compatible with specified requirements for off-gassing, VOC's and particle emissions. Decoustics will work with Architects/Designers on individual project needs (such as LEED and BREEAM buildings), in order to meet specific environmental requirements.

The information provided is accurate to the best of our knowledge to date. As new and current products are developed and improved, this information will up-dated.

For further information, please do not hesitate to contact us.

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