



1. What is FilaSorb™ ?

FilaSorb™ is a high quality felt material by Acoufelt. FilaSorb™ is made from a substantially heterogeneous blend of fine fibers; different denier combined for specific acoustic results. This combination of fine fibers results in a high active surface area for sound absorption, enhanced resistivity, and a greater interface area for dispersion of noise. This means that products made from FilaSorb™ are designed for superior acoustic performance.



2. Do FilaSorb™ products harbour bacteria, fungus or mold?

Due to the nature of the fine fiber blend, FilaSorb™ material has absorbent and breathable properties. This breathable feature means that any moisture that comes in contact with the material will disperse into the material and evaporate quickly. A dry panel will not promote the growth of microbes such as bacteria, mold and mildew, which require moisture to grow and produce.

3. How long will a virus last on FilaSorb™ products?

To facilitate sound absorption, FilaSorb™ material is highly porous. Research has indicated that Coronavirus and other closely related viruses become inactive more quickly on porous and absorbent surfaces. The most recent study published in the *New England Journal of Medicine*¹ on the detectability of the virus across a range of common surfaces indicated that porous and fibrous materials were much less likely to hold viable amounts of the virus, traces of which were detected on the test material for only 24 hours. In comparison, the same test showed that the virus was able to stay active on hard and shiny surfaces for up to 72 hours.



4. Are FilaSorb™ products treated with anti-microbial treatments?

Acoufelt avoid using unsafe or untested chemicals in the manufacturing of all of our products. The addition of an anti-microbial liquid has not been thoroughly tested or proven to be safe for workplaces, as they may contain harmful VOC's ('Volatile Organic Compounds'). Acoufelt will continue to research and evaluate safe and environmentally friendly options.

¹ N van Doremalen, et al. Aerosol and surface stability of HCoV-19 (SARS-CoV-2) compared to SARS-CoV-1. The New England Journal of Medicine. DOI: 10.1056/NEJMc2004973 (2020).



5. Are FilaSorb™ products safe for human use?

Under the Living Future Institute's 'Declare' certification scheme, all products made from FilaSorb™ receive 'LCB Red List Free' declaration through FilaSorb™ material composition and VOC ratings meeting the high standard for CDPH ('California Department of Public Health') compliance. This guarantees that FilaSorb™ material is free from all chemicals and compounds that pollute the environment, are toxic for humans, as well as those that may prove harmful for construction and factory workers during production.



6. Are FilaSorb™ products environmentally friendly?

FilaSorb™ fibers are made from recycled PET material, such as plastic bottles, which would otherwise end up in landfill and waterways to a devastating effect. Every square meter of FilaSorb™ material contains the regenerated fibres from approximately 135 x 600ml recycled bottles. To close the loop in the circular economy, products made from FilaSorb™ can be recycled again at the end of their useful life. FilaSorb™ products also exceed the criteria set by the USGBC ('US Green Building Council'), which recognizes contributions made to Leadership in Energy and Environmental Design (LEED). Therefore, users of Acoufelt FilaSorb™ products can earn environmental points from LEED for their building projects.



7. How can I clean my FilaSorb™ products?

FilaSorb™ products can be cleaned using a mild soap and warm water solution, using a gentle blotting technique. When cleaning panels, apply minimal pressure and avoid concentrated rubbing. Disinfectant spray, steam extraction and UV light are also acceptable cleaning methods.