

Acoustic Textiles

Where Acoustic Performance Begins.

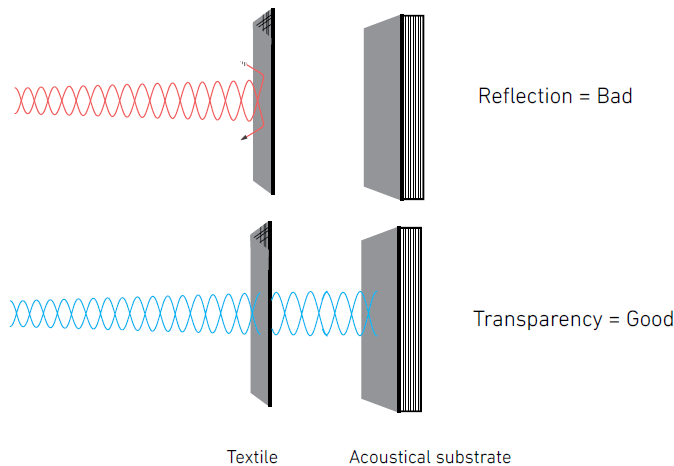
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Fabrics that don't get in the way

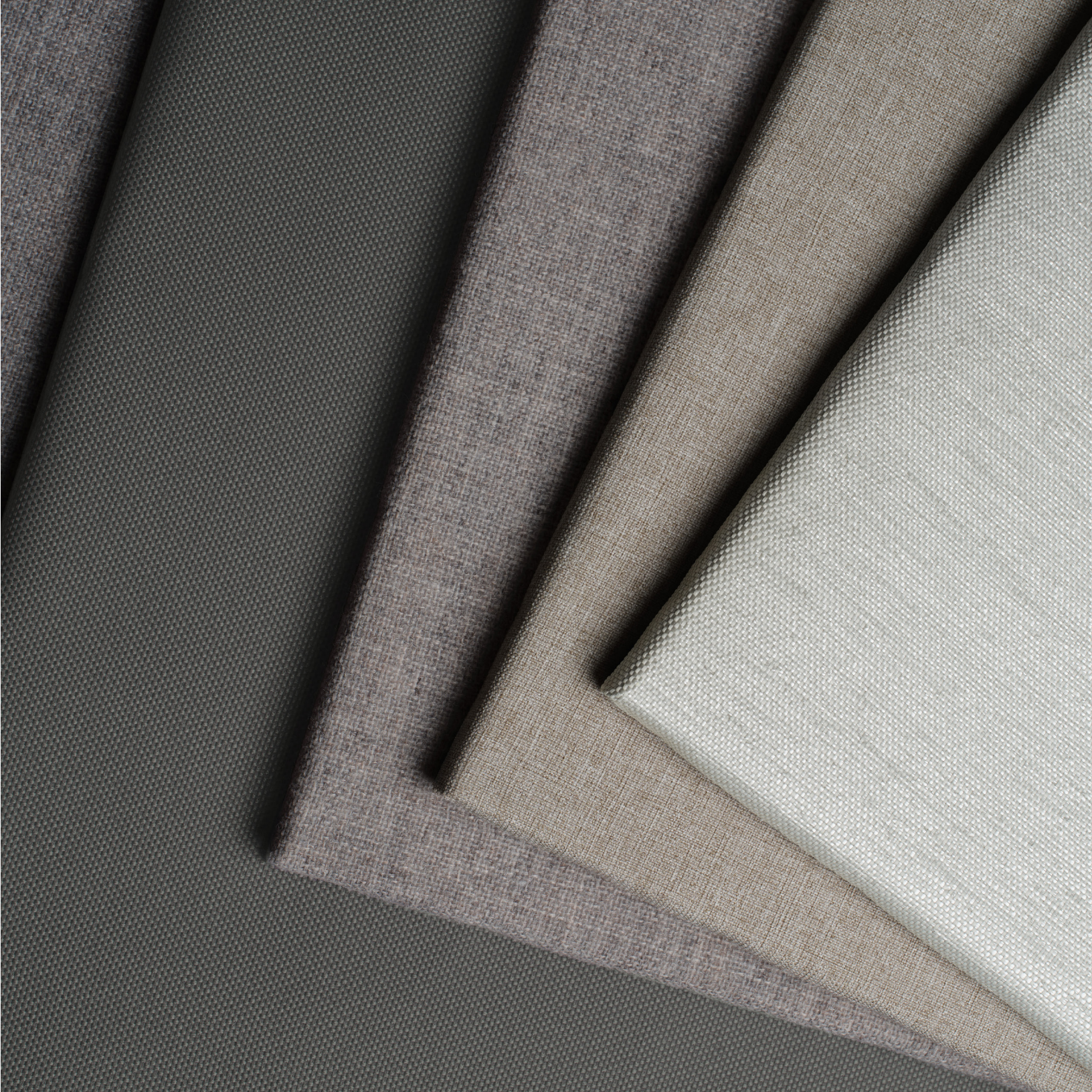
Most fabrics get in the way of sound. Duvaltex acoustic fabrics are engineered not to.

In acoustic applications, performance doesn't stop at the panel, it depends on what covers it. A fabric that reflects sound rather than letting it pass through will compromise the absorbing material behind it, no matter how well that material performs. Textile selection is an acoustic decision, not just an aesthetic one.

We call this acoustical transparency, and it's where acoustic performance begins.



DUVALTEX ACOUSTIC TEXTILES



What is acoustical transparency?

Acoustical transparency is the percentage of sound that passes through a fabric instead of being reflected back into the space. The higher the value, the less the fabric interferes with the substrate behind it, and the better the panel performs overall.

Duvaltex engineers its acoustic fabrics to maximize this value across frequencies, so the substrate behind always performs as intended.



Why it matters

Even the highest-performing acoustic panel can be undermined by the wrong textile. If sound is blocked at the surface, absorption efficiency drops, and so does the clarity and comfort of the space.

Specifying the right fabric from the start protects the integrity of the entire acoustic panel.

Every Duvaltex acoustic fabric is individually tested and assigned an acoustical transparency value across multiple frequencies. This data is available at the product level, so manufacturers and specifiers can make informed, confident decisions.

Acoustic performance is built in.
Not added as an afterthought.

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