Architectural Acoustics

ALPHAcoustic - ACu.Noise

SOUND-PROOFING CURTAINS

ALPHA ACOUSTIKI

45+ years
In TUNE with YOUR needs

SOUND-PROOFING CURTAIN

ACu.Noise Acoustic Sound-Proofing Curtains are designed to reflect and absorb sound energy, reduce noise and improve room acoustics.

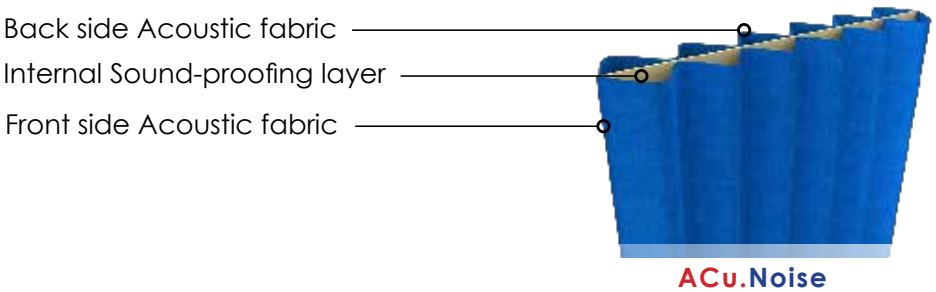
Acoustic curtains can be utilized as a cover for a door or window to improve sound insulation from external noise. Also, they can be used to divide a room in domestic and commercial applications to form divided spaces such as separate offices, quiet zones, think tanks, conference halls etc.

ADVANTAGES

- Low cost acoustic solution
- Flexible space divider
- Versatility of shapes
- Easy to install/ move
- Low space requirement
- Aesthetics
- Tailored to your needs

SOUND-PROOFING CURTAIN - MULTI LAYER

With the interpolation of high mass fabrics/membrane between the external face fabrics, **ACu.Noise** curtains achieve sound insulation values at least 13dB.



ACu.Noise

MAIN ASPECTS TO CONISIDER

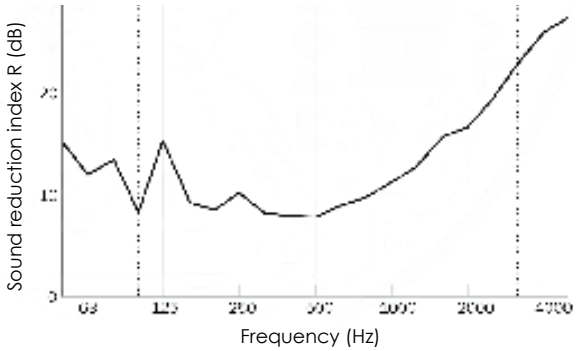
Key Considerations for Tailored Sound Absorbing Curtains:

- Desired sound proofing performance
- Material / Fabric+Color type
- Size (exceeding the opening)
- Hardware / Hanging system type
- Optional accessories
- Fire safety and Acoustic certifications

ACOUSTIC DATA

Sound proofing curtain system can achieve up to 13dB of sound reduction confirmed in independant lab testing.

Rw(C.Ctr) = 13 (-1,-2)
according to
ISO 10140-2:2010 and
ISO 717-1:2013



ACu.Noise sound proof curtains are used for light noise transmission reduction in selected cases, with careful installation detailing. For better acoustic results, the surrounding flanking paths need to be designed for sealing (for example with ceiling recess surrounding the rail, overlapping the opening etc)

ADDITIONAL FEATURES AVAILABLE UPON REQUEST

- Flame retardant fabrics
- More than three layers for better results
- More external fabric finishes
- Rail system options (colours, dimentions, forms, types of motion)

RAIL SYSTEM

The standard tracking system consists of a heavy duty aluminum rail with gliders where the sound curtain can easily be moved, heavy duty hooks and mounting accessories.

- Wall or ceiling hanging systems available.
- Fitting methods and Hanging rail system selected based on project requirements.
- Slides & track gliders in accordance to curtain's weight.

Moving method options:

• By hand
• Cord operated
• With electric motion (wall mounted switch or remote control)

Motorized system

The **ACu-Cornice** (Pelmet) conceals the curtain's sliding mechanism, is open at both ends, and is upholstered with the same fabric as ACu-Noise curtains, providing a clean, seamless architectural finish.

ACu-Cornice

For sound absorption (not soundproofing), we recommend the A.Cu-Reverb acoustic curtains: a single-layer fabric available in a wide range of aesthetic options, with certified sound absorption.

Our acoustic engineers can help you select the most suitable curtain for your project.

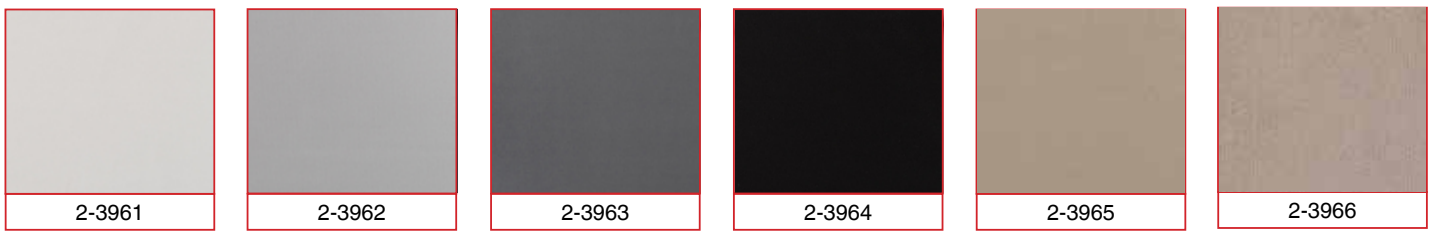
APPLICATION EXAMPLES

FABRIC SELECTION

Velour collection

VELOUR **FR** FABRIC SELECTION

Material: Polyester fabric
Reaction to fire: M1 (NF P92-507)



Maintenance
Vacuum regularly. Wipe clean with a damp cloth or shampoo using proprietary upholstery shampoo.

FABRIC SELECTION

Velvet FR collection

Velvet FR collection is a premium fabric line made of real velvet (100% polyester TREVIRA CS) with fire resitance properties(DIN 4102. B1).

A minimum order quantity (MOQ) policy is applied.

Maintenance

Vacuum regularly. Wipe clean with a damp cloth or shampoo using proprietary upholstery shampoo.

Wool collection

Wool collection

Maintenance

Vacuum regularly. Wipe clean with a damp cloth or shampoo using proprietary upholstery shampoo.

More fabric options available upon request.

= Eco-friendly fabric made from recycled fibers.

LEGAL NOTICE

Product colors and quality in this catalogue may differ from the actual items. Always select products from samples.
Technical information in this brochure is based on laboratory tests and is for guidance only; customers must verify suitability for their specific project. Data may change without notice. Sales and payment terms apply. We are not liable for printing or typographical errors.

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ALPHA ACOUSTIKI

45+ years
In TUNE with YOUR needs

ALPHA ACOUSTIKI S.A. – Creating workspaces designed for comfort, focus, and acoustic well-being since 1980.

• WORK BETTER • FOCUS BETTER • LIVE BETTER

Additional Acoustic Solution:

ACu-Reverb *- Premium Sound-Absorption Curtain.*

SUSTAINABILITY
SEE OUR ACTIONS

Transform your space: tech@ALPHAcoustic.com

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