Architectural Acoustics

ACu.Reverb - Roller & Roman

SOUND-ABSORBING CURTAINS - ROLLER & ROMAN TYPE

ALPHA ACOUSTIKI

In TUNE with YOUR needs

ACU.REVERB - ROLLER.MESH

Acoustic Roller-curtains **ACu.Reverb-Roller.Mesh** is a new series of sound-absorbing roller shades, made of special synthetic mesh fabric.

The selection of the perforation ratio and the size of the hole has been made after specialized investigation of its impact on sound absorption. The principle of operation is based on trapping sound at the back of the fabric.

They allow you to change the light and acoustic conditions of space with the use of a vertical movement mechanism located at the top of the roller-curtain that is operated using a plastic chain.

ADVANTAGES

- Economic method of acoustic improvement
- Thermal insulation: prevents up to 90% of incoming heat helping to maintain a constant internal temperature.
- Easy installation
- Ability to achieve variable reverberation time
- Sun light control (glare)
- Synthetic material with increased fire resistance.

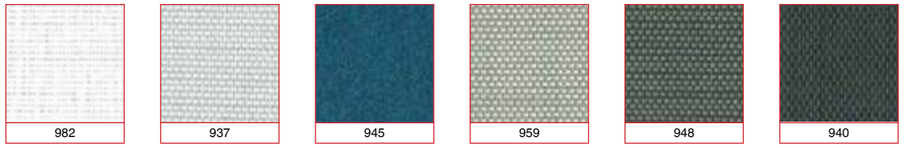
The sound absorption coefficient can reach up to α_w = 0.45 according to ISO 11654.
Acoustic characteristics depend on the distance from the wall.
It has a class flame resistance certification B-s2,d0 according to EN ISO13 501-1.

ACu.Reverb-Roller.Mesh
Acoustic Roller shades
made of special synthetic mesh fabric

TECHNICAL DATA

Dimensions: Width= (max)1.80 m (other dimensions upon request)
Height= (max) 2.50 m (other dimensions upon request)
Perforation ratio: 1%
Compliance with the specifications of EN ISO 14501.
The roller-shade package includes the hanging system for wall or ceiling installation as well as its vertical rolling system.

Color: 6 standard colors (ref. to the color codes below)
Additional colors available by changing the perforation ratio (1%, 3%, 5%) or printing the fabric, upon request.



FABRIC MAINTAINANCE
Cleaning with a vacuum cleaner. Localised stain cleaning with a damp cloth or using a proprietary upholstery shampoo.

ACU.REVERB - ROMAN.FELT

Acoustic Roman-curtains **ACu.Reverb-Roman.Felt** is a new series of sound-absorbing folding shades, made of thick recycled polyester felt type of fabric.

They allow you to change the light and acoustic conditions of space with the use of a Roman type vertical movement mechanism located at the top of the curtain that is operated using a synthetic chain.

ADVANTAGES

- Ecological product produced from recycled polyester fiber
- Economic method of acoustic improvement
- Thermal insulation
- Easy installation
- Ability to achieve variable Reverberation time
- Sun light control (Black out)

The sound absorption coefficient can reach up to aw = 0.45 according to ISO 11654.
Acoustic characteristics depend on the thickness of the felt and the distance from the wall.

ACu.Reverb-Roman.Felt
Acoustic Roman-Curtains

TECHNICAL DATA

Dimensions: Width = (max) 2m
Height = (max) 2 m
Thickness = 6 mm
The Roman-shade package includes the hanging system for wall or ceiling installation as well as its vertical rolling system. Remote control electrical motor operation can be added upon request.

Standard colors:

FABRIC MAINTAINANCE
Cleaning with a vacuum cleaner. Localised stain cleaning with a damp cloth or using a proprietary upholstery shampoo.

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ALPHA ACOUSTIKI Ltd combines technical experience and scientific knowledge with its Engineering team, specialized in the field of room acoustics since 1980.

We create workplaces where people choose to work, tailored to the specific requirements of each job, with particular attention to the acoustic necessities of the employee.

DESIGNING FOR WELL-BEING

Please be informed about our acoustic panel designs such as:

- **ALPHAcoustic-Fabric**
- **ALPHAcoustic-Fos**

Our technical department *(tech@alphacoustic.com)*, would be happy to help you improve the Architectural Acoustics in your project.

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*Design and Production according to Quality Management System **ISO 9001.2008** & Environmental Management System **ISO 14001.2004***