Noise control

ALPHA*fon*-AD.TG

ACOUSTIC GLASS DOORS

ALPHA ACOUSTIKI

In TUNE with YOUR needs

DESCRIPTION

Acoustic Glass Doors **ALPHA*fon*-**AD.TG are advanced noise insulation doors of high quality and aesthetics. The main leaf and the frame are made by a German uPVC frame system. The internal chambers are designed on the basis of the latest calculation methods to ensure high heat and sound insulating properties.In addition, their sophisticated design achieves optimum profile stability and strength to hold heavy glazing. With its translucent glass surface, offer a better illumination of the room, dividing them with light transparency.

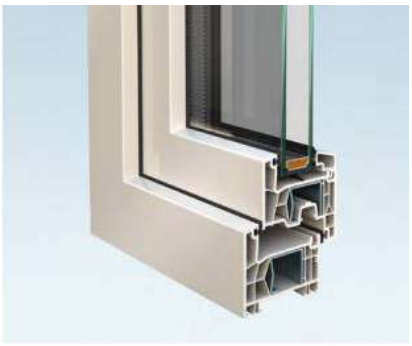
They are produced as per the dimensions of the opening.

Typical Sound Reduction index (Rw) according to ISO 140.3 & ISO 717.1

Rw = **42 dB** **45 dB** **47 dB**

Typical applications

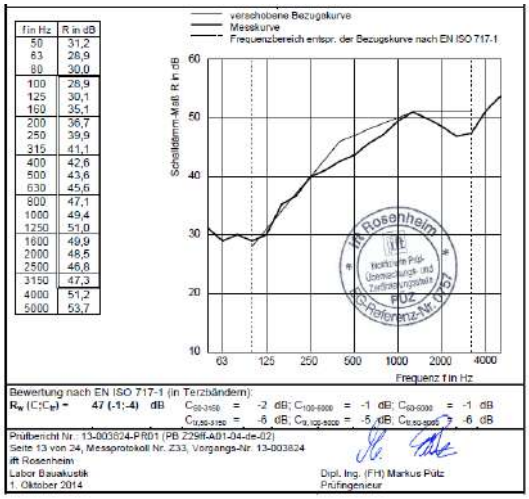
- Theatres
- Conference halls
- Industrial plants
- Studios
- Test rooms
- Control rooms



POINT OF EXCELLENCE

- Soundproofing (Up to 47 dB)
- Thermal insulation
- Anti-burglar protection
- Air permeability

Multifunction shutter component
The secret of acoustic tightness



Sound Insulation index test certification

STANDARD EQUIPMENT

Acoustic doors **ALPHAfon**-AD.TG are equiped with the following standard hardware:

- Door leaf and frame in uPVC system profile (white color as standard).
- Lever rotating handle set.
- The Turn hardware system provides smooth, trouble-free use. This hardware system includes also a perametrical locking device that acts a progressive gasket compression adjustment, in order to achieve a perfect acoustic tightness.
- External heavy duty hinges set, according to total door weight. Exact door leaf fitting in the door frame thanks to the 3D adjustment.
- Parametrical sealing rubber profiles.

EXTRA OPTIONALS

Retractable floor sealing mechanism at the bottom part.

Colors variety

Independent locking key cylinder

External heavy duty hinges

ALPHA ACOUSTIKI S.A. combines technical experience and scientific knowledge. Our Engineers team are specialized in the field of Acoustics Noise & Vibration control since 1980. The complete range of innovative acoustics products can offer solutions to complex Noise control projects.
More of our Sound insulation products:

- **ALPHAfon-AD**: Metal Acoustic Doors
- **ALPHAfon-MB**: Metal Noise Barrier
- **ALPHAfon-TB**: Transparent Noise Barrier
- **ALPHAfon-IC**: Generator Sound Insulation Cover
- **ALPHAfon-AL**: Acoustic Louver
- **ALPHAfon-SA**: Sound Attenuators

Our technical department (tech@alphacoustic.com), would be happy to help you find the optimum solution for your Noise control project.

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CONTACT

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