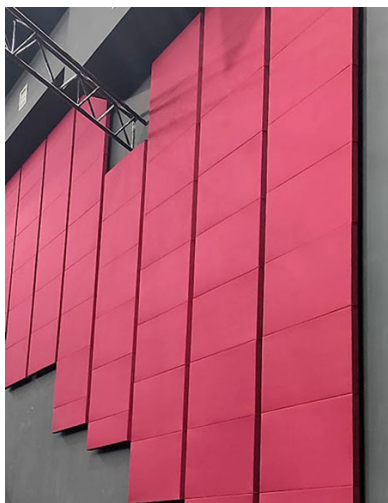




*Sound-absorbing panels for wall or ceiling mounting.
Dimensions according to the requirements or needs.*

Technical characteristics

General:

They are panels that have sound-absorbing properties.

They are hung on the wall or ceiling, depending on the space, in order to improve its acoustic behavior.

They are made of sound-absorbing material and completely covered with sound-permeable, flame-retardant fabric lining.

They could be used also naked in various color range.

Sound-absorbing material:

Το ηχοαπορροφητικό υλικό έχει πάχος 5cm και διαθέτει τα παρακάτω χαρακτηριστικά:

Density (EN ISO 845): 9 +/-1.5 kg/m³

Compressive strength (EN ISO 3386-1): >7 kPa
Average value

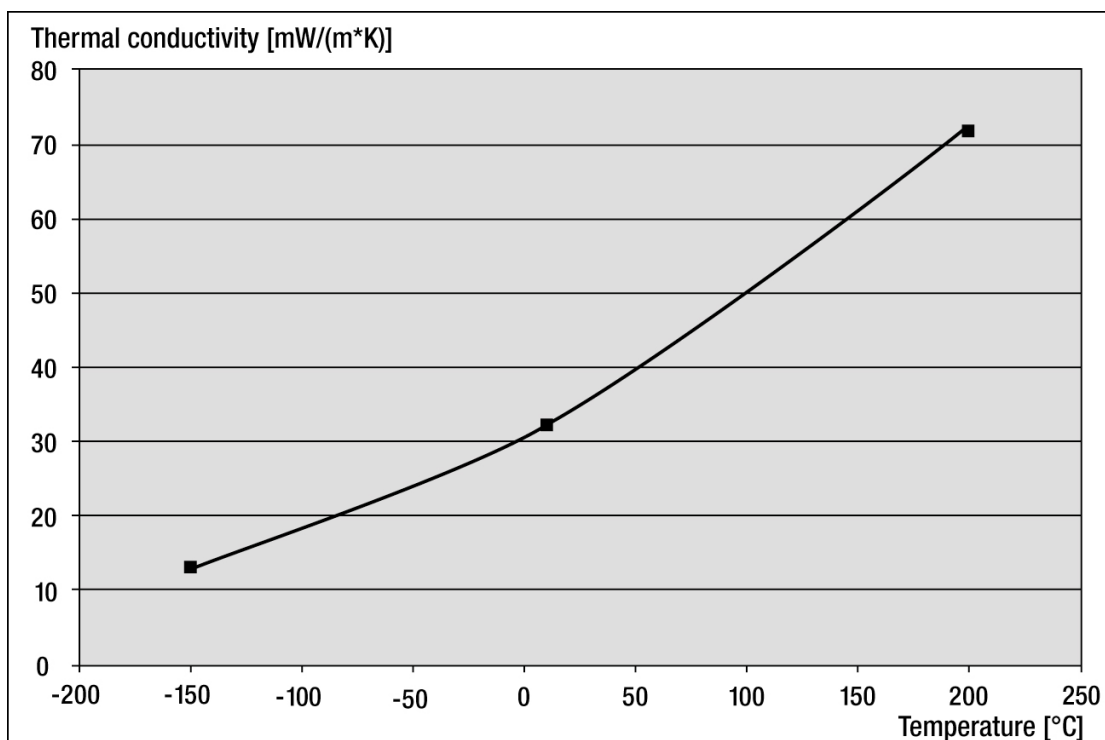
Tensile strength (EN ISO 1798): >120 kPa
Average value

Elongation at break (EN ISO 1798) % >20
Average value

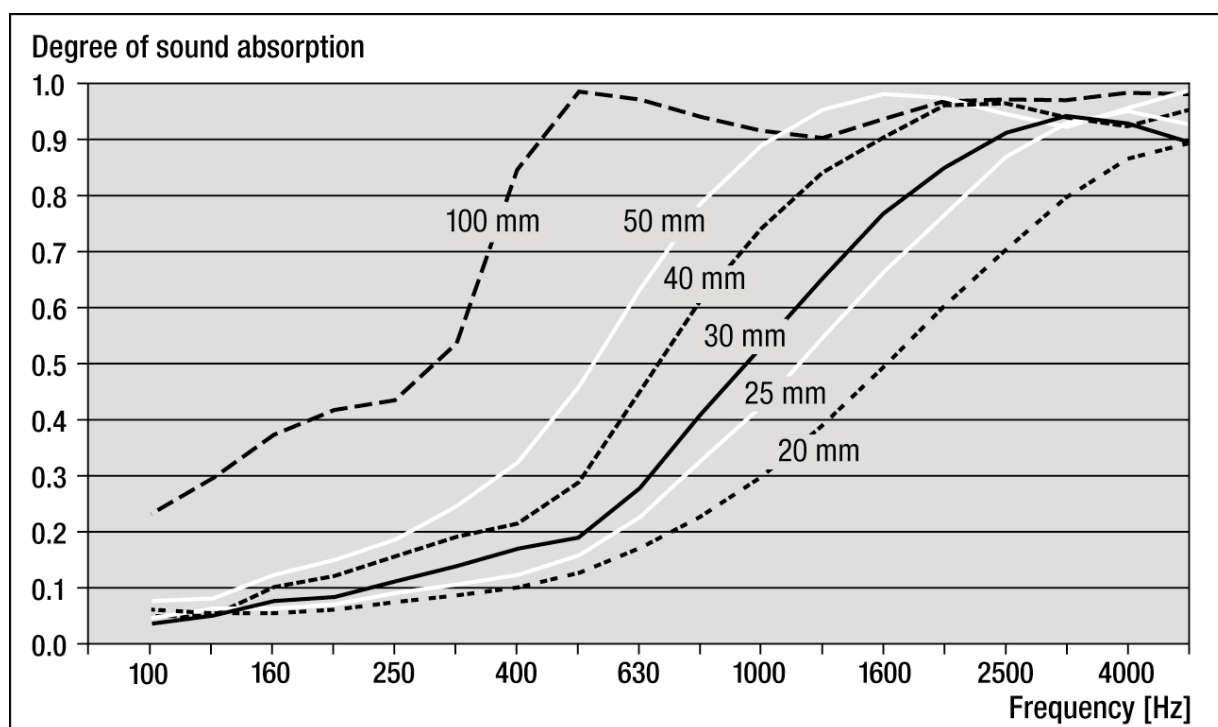
Fire behavior (DIN 4102-1)

B1

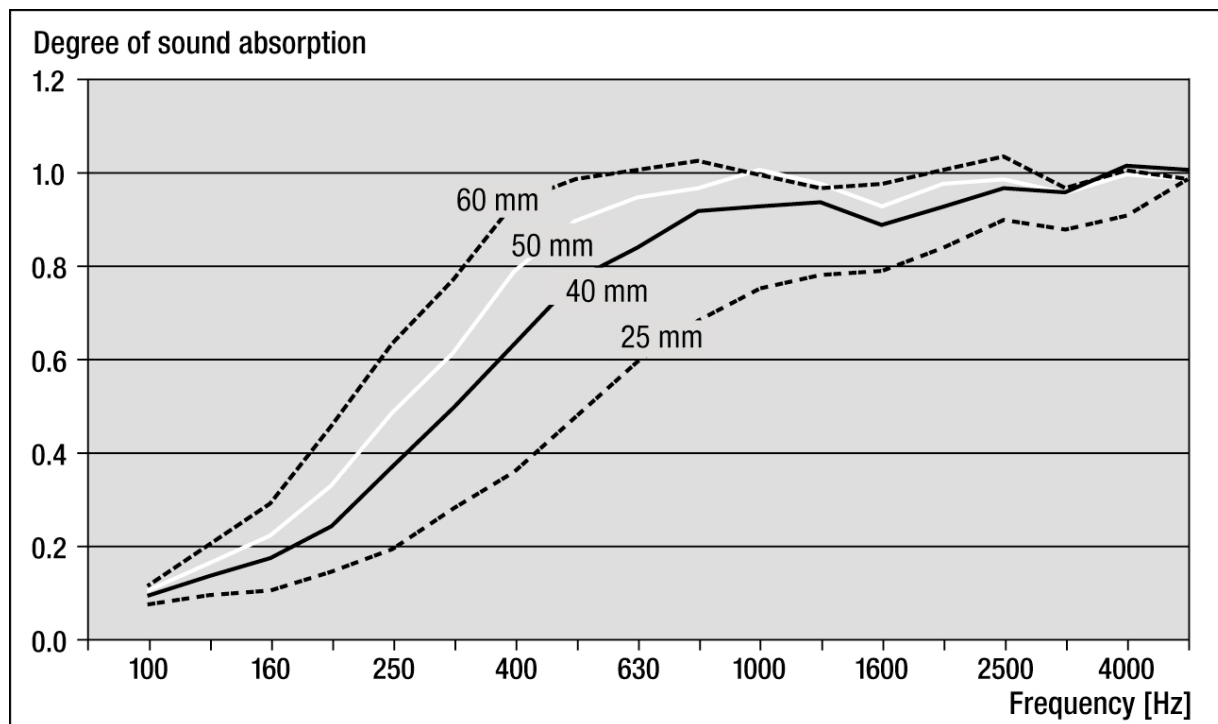
Thermal conductivity (according to DIN EN 12667):



Degree of sound absorption (according to ISO 10534-2 - impedance tube):



Degree of sound absorption (according to DIN ISO 354 - reverberation room):



Frame:

When covered with fabric, they have a 3mm thick MDF perimeter frame and 6mm thick back. The frame can be varied depending on the requirements of each application.

Mounting:

The series includes accessories for ceiling hanging or walls mounting.

Upholstery:

Panels could be upholstered with sound-permeable, high strength and flame-retardant fabric. The finishing is a customer choice from a wide range of colors.

Certificates:

BIRO is ISO 9001, ISO 14001 and ISO 45001 certified.



✓ EN ISO 9001:2015

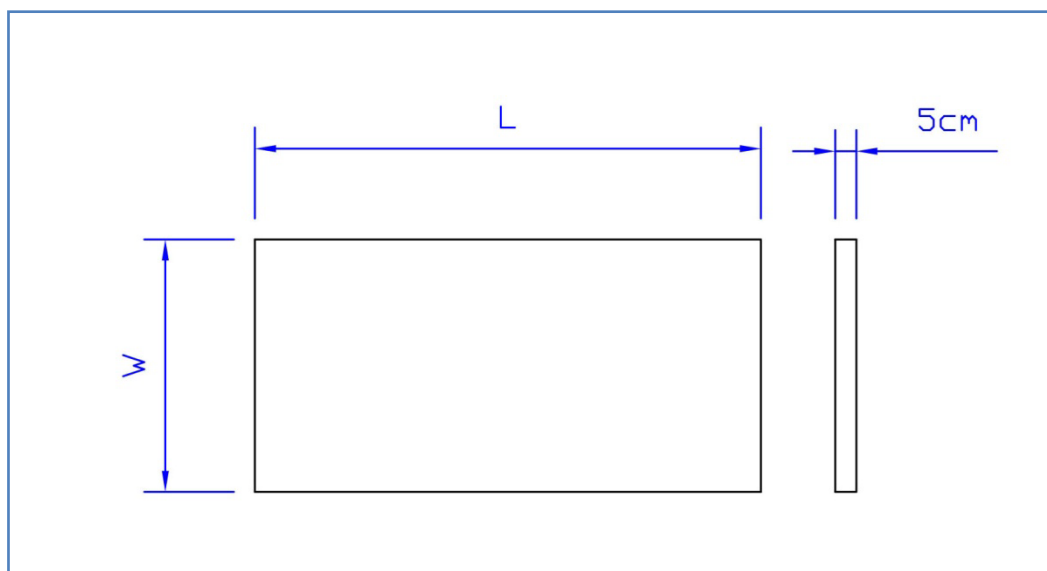


✓ EN ISO 14001:2015



✓ ISO 45001:2018

Dimensions:



Size, shape, Length (L) and width (W) varies according to the specific acoustic and architectural specifications and needs.

Panel thickness is 5cm unless there is deferent a demand.