

A person wearing a white protective suit and boots is standing on a floor covered with various types of sound absorbers. The absorbers include pyramid-shaped, profiled, flat, baffle, and false ceiling types. The person's shadow is cast on the floor. A green banner with the text 'SOUNDABSORBERS' is located in the upper right corner.

# SOUNDABSORBERS

Pyramid-Shaped

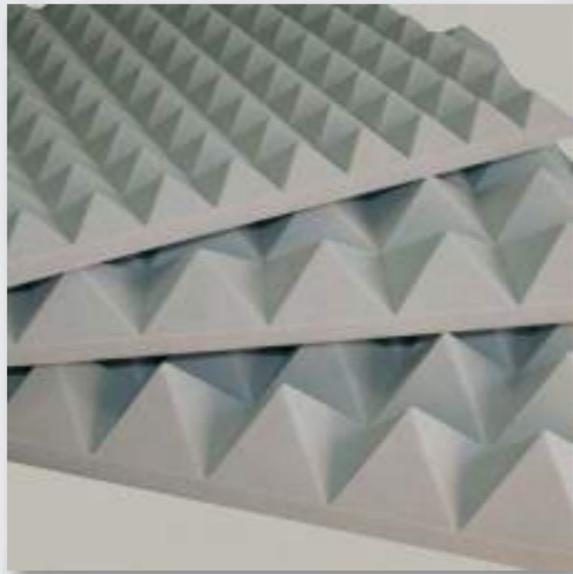
Profiled

Flat

Baffles

False Ceiling

# ISOTEK - STOP



<b>WIDTH</b>	600, 1200 mm
<b>LENGTH</b>	1200 mm
<b>THICKNESS</b>	35 - 50 - 70 - 100 mm
<b>THERMAL CONDUCTIVITY AT 10°C</b>	W/mK DIN 52612 < 0,035
<b>ACOUSTIC ABSORPTION</b>	S = 50 mm/2000 Hz % DIN 52215 > 90
<b>REACTION TO FIRE</b>	c-s2, d0

Upon request the product can be supplied in BASOTECT UF FOAM (BASF) color dark grey with the following reaction to fire:

B-s1,d0 (th. 5-20 mm); B-s2,d0 (th. 30-40 mm); C-s2,d0 (th. 50 mm)

## BASOTECT® G+ (BASF) PYRAMID MELAMINE RESIN FOAM ACOUSTICAL PANEL

### MATERIAL

Light grey colored melamine resin BASF Basotect® G+ Foam. High resistance to temperatures: +150°C. Isotek-Stop has an excellent acoustic absorption, particularly at medium-high frequencies (500÷2000 Hz). Upon request, it can be painted in all the RAL range colors in order to optimize the functionality with the interior architecture.

### FIELDS OF APPLICATION

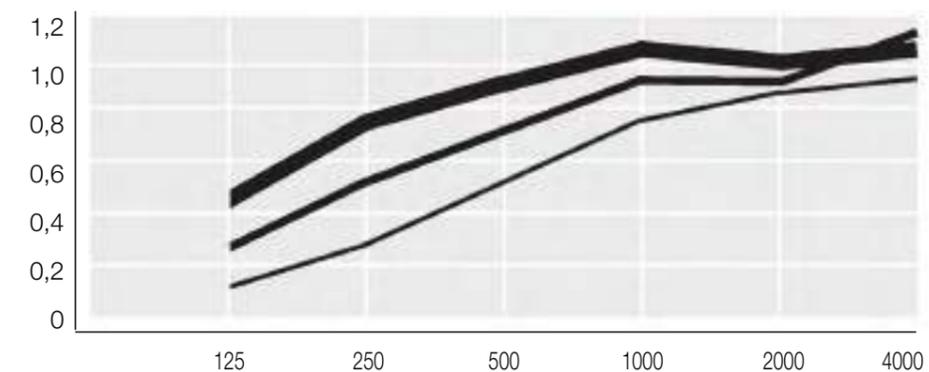
Isotek-Stop is a specifically sound-absorbing product with a special pyramidal profile which triples the absorbing surface. Its technical characteristics allow it to be used where special safety features are required, such as theatres, cinemas, auditoriums, hotels, lecture rooms, firing ranges, gymnasiums, schools, discotheques.

### INSTALLATION

Isotek-Stop's flexibility allows it to be cut and shaped very easily. It can be applied to any surface, even curved, provided that it is smooth and free of grease, oil or dust, using NDA VIL glue.

## APPLICATIONS

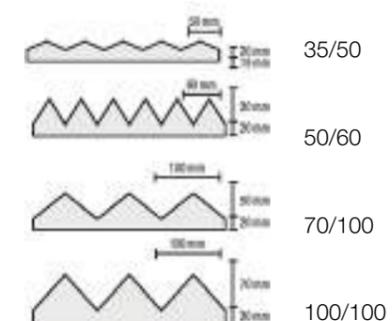
### SOUND ABSORPTION COEFFICIENT ( $\alpha_S$ )



FREQUENCY Hz	125	250	500	1000	2000	4000
$\alpha_S$ 50/60	0,13	0,25	0,50	0,75	0,88	0,94
$\alpha_S$ 70/100	0,22	0,49	0,77	0,96	0,96	1,05
$\alpha_S$ 100/100	0,40	0,77	0,92	1,01	1,01	1,04

Determination of sound absorption coefficient according to DIN 52212 in large reverberation room

### STANDARD FORMATS



# ISOTEK - FOAM



<b>WIDTH</b>	1200, 600 mm
<b>LENGTH</b>	600, 1200 mm
<b>THICKNESS</b>	20 - 30 - 40 - 50 mm Other upon request
<b>DIMENSIONS TOLERANCE</b>	according to M4 DIN 7715 Part 2
<b>THERMAL CONDUCTIVITY A 10°C</b>	W/mK DIN 52612 < 0,035
<b>ACOUSTIC ABSORPTION</b>	S = 50 mm/2000 Hz: % DIN 52215 > 90
<b>UTILISATION TEMPERATURE</b>	max + 150° C
<b>REACTION TO FIRE</b>	from 5 to 15 mm B-s1, d0, from 15 to 20 mm B-s2, d0 from 21 to 80 mm C-s2, d0

Upon request the product can be supplied in BASOTECT UF FOAM (BASF) color dark grey with the following reaction to fire: B-s1,d0 (sp. 5-20 mm); B-s2,d0 (sp. 30-40 mm); C-s2,d0 (sp. 50 mm)

## BASOTECT® BASF PROFILED MELAMINE RESIN FOAM ACOUSTICAL PANEL

### MATERIAL

Light grey BASF Basotect® melamine foam resin. High thermal resistance +150°C. Isotek-Foam has an excellent acoustic absorption, particularly at medium-high frequencies (500 ÷ 1000 Hz). Isotek-Foam may be assembled together with sound-insulation barriers such as lead, EPDM, etc. Upon request it can be painted in all RAL range colors to optimize the functionality with the interior architecture and/or to realize blunted edges of 45° on the four sides.

### FIELDS OF APPLICATION

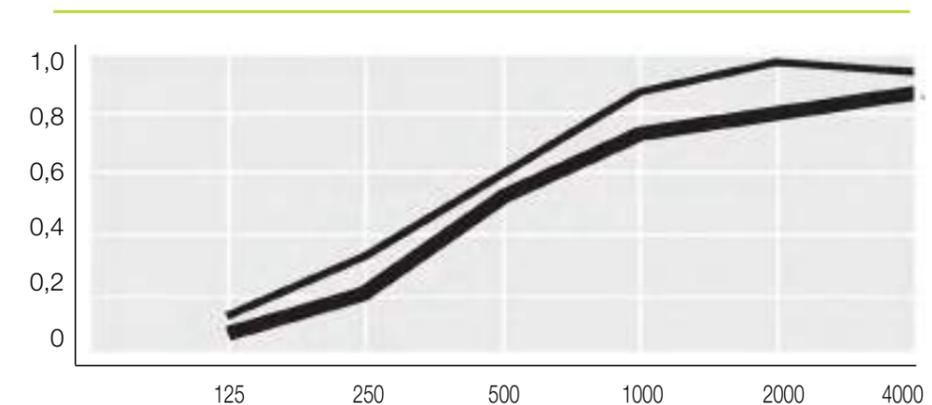
Isotek-Foam is a specific specially profiled soundabsorbing product that, thanks to its technical characteristics can be used where special safety features are required, such as factories, theatres, schools, cafeterias, cinemas, discotheques, firing ranges, hotels, auditoriums, multipurpose halls.

### INSTALLATION

Isotek-Foam's flexibility allows it to be cut and shaped very easily. It can be applied to any surface, even curved, provided that it is smooth and free of grease, oil or dust, using NDA VIL glue.

## APPLICATIONS

### SOUND ABSORPTION COEFFICIENT (α<sub>S</sub>)



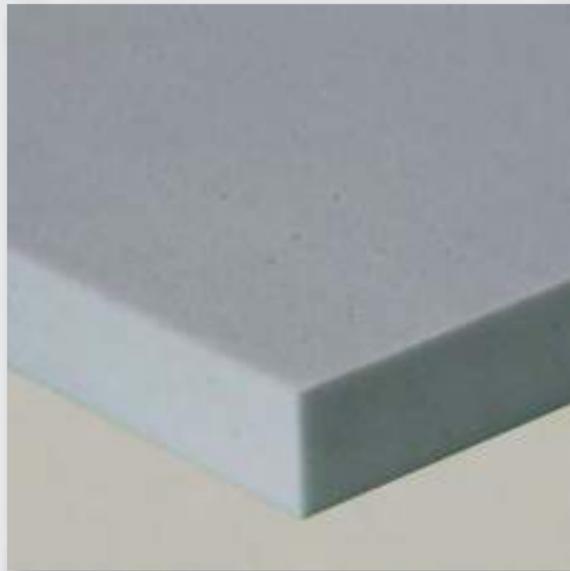
FREQUENCY Hz	125	250	500	1000	2000	4000
α <sub>S</sub> 30 mm	0,08	0,15	0,48	0,78	0,82	0,85
α <sub>S</sub> 50 mm	0,12	0,28	0,56	0,85	0,97	0,94

Determination of sound absorption coefficient according to DIN 52212 in large reverberation room

### STANDARD FORMATS



# ISOTEK - SLIK



BASOTECT® (BASF) FLAT MELAMINE RESIN FOAM PANEL FOR HEAT AND SOUND INSULATION

## MATERIAL

Light grey BASF Basotect® melamine resin foam. High thermal resistance: +150°C. The product has excellent absorption properties and a good thermal insulation with consequent energy saving.

If the product remains visible, it is possible to realize blended edges at 45 ° on the 4 sides and customize the coloring in order to optimize the design.

<b>WIDTH</b>	625, 1250 mm
<b>LENGTH</b>	1250
<b>THICKNESS</b>	10 - 20 - 30 - 40 - 50 mm Other on request
<b>DIMENSIONS TOLERANCE</b>	according to M4 DIN 7715 Part 2
<b>THERMAL CONDUCTIVITY A 10°C</b>	W/mK DIN 52612 < 0,035
<b>ACOUSTIC ABSORPTION</b>	S = 50 mm/2000 Hz: % DIN 52215 > 90
<b>REACTION TO FIRE</b>	from 5 to 15 mm B-s1, d0, from 15 to 20 mm B-s2, d0 from 21 to 80 mm C-s2, d0

Upon request the product can be supplied in BASOTECT UF FOAM (BASF) color dark grey with the following reaction to fire:

B-s1,d0 (sp. 5-20 mm); B-s2,d0 (sp. 30-40 mm);  
C-s2,d0 (sp. 50 mm)

## FIELDS OF APPLICATION

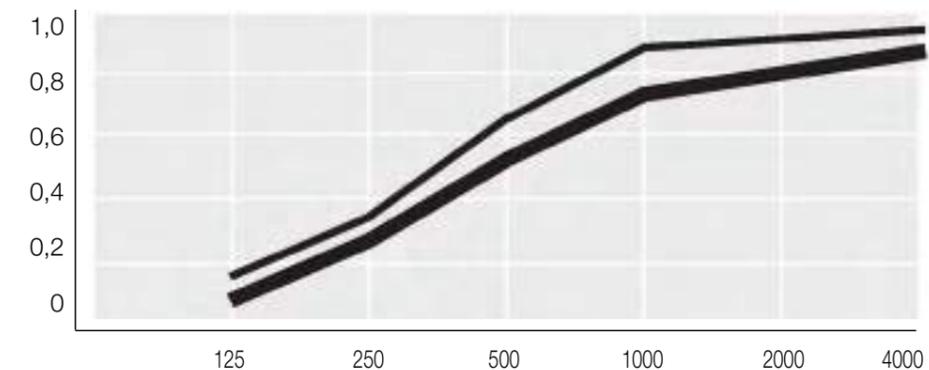
ISOTEK SLIK is widely used as sound absorbing material in restaurants, classrooms, call center, open-spaces offices. It is also applied in conduits, ventilation plant, door and window frame cabinet and engine compartment linings and as absorbent support in hollow ceilings in general.

## INSTALLATION

Isotek-Slik's flexibility allows it to be cut and shaped very easily. It can be applied to any surface, even curved, provided that it is smooth and free of grease oil or dust, using NDA VIL glue.

## APPLICATIONS

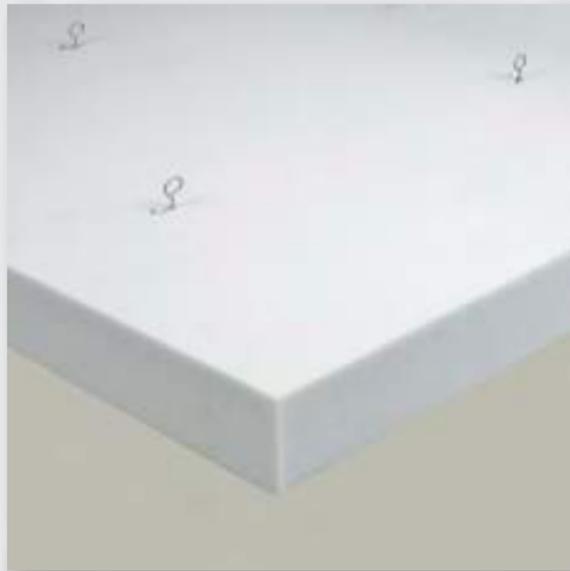
### SOUND ABSORPTION COEFFICIENT ( $\alpha_S$ )



FREQUENCY Hz	125	250	500	1000	2000	4000
$\alpha_S$ 20 mm	0,10	0,25	0,55	0,76	0,80	0,88
$\alpha_S$ 30 mm	0,12	0,31	0,66	0,86	0,87	0,92

Determination of sound absorption coefficient according to DIN 52212 in large reverberation room

# INSULATEK M



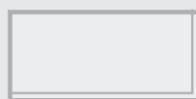
## DIMENSIONS

**THICKNESS** 70 mm

**RECTANGULAR** 1250X625 mm

**SQUARE** 1200X1200 mm

**ROUND** Ø 600; 800; 1200 mm



Rectangular



Square



Round

**DIMENSIONS TOLERANCE** according to M4 DIN 7715 Part 2

**REACTION TO FIRE** from 21 to 80 mm C-s2, d0

CUSTOMISABLE MODULAR MELAMINE RESIN SOUND ABSORBING ELEMENTS FOR INSTALLATION ON CEILING

## MATERIAL

Insulatek M is a modular sound absorbing element made of Basotect (BASF) melamine resin. Customisable, thanks to a special "island" application detached from the ceiling, allowing excellent sound absorption. Insulatek M provides design, performance and speed of realization. The extreme lightness and the method of application with hooks (included) allow for an easy and quick application and the possibility for mobility and repositioning of the elements. Product with a high thermal resistance +150°C.

The size of the elements is customizable on request, as well as the coloring to optimize the design with the interior architecture.

## FIELDS OF APPLICATION

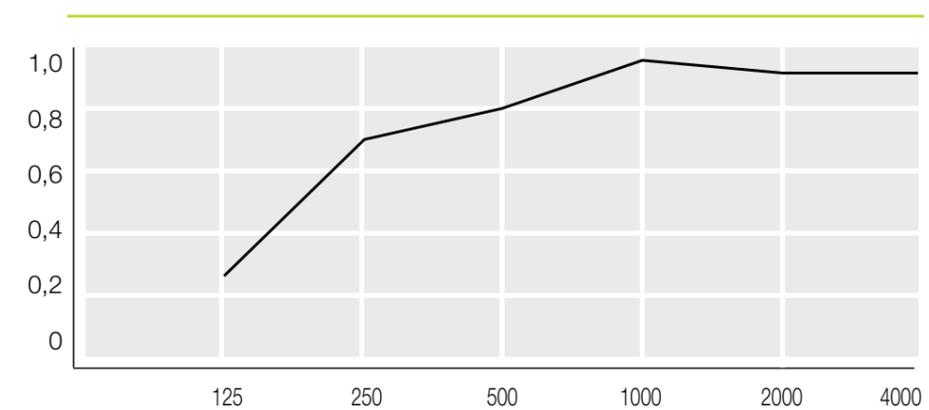
Insulatek M is the ideal solution for large public places such as restaurants, bars, pubs, clubs, offices, meeting rooms, to reduce or eliminate the phenomena of acoustic reverberation (echo, reverberation, poor understanding of speech or music), ensuring optimal acoustic comfort and aesthetics of the room.

## INSTALLATION

Insulatek M is applied suspended from the ceiling, using special included hooks.

## APPLICATIONS

### SOUND ABSORPTION COEFFICIENT ( $\alpha_S$ )



FREQUENCY Hz	125	250	500	1000	2000	4000
$\alpha_S$	0,25	0,72	0,80	0,95	0,94	0,94



# INSULATEK G



## DIMENSIONS

**THICKNESS** mm 40 mm

**RECTANGULAR** 1200x600 mm (other upon request)

**SQUARE** 1200x1200 mm (other upon request)

**ROUND** ø 1200 mm (other upon request)

**DIMENSIONS** according to M4 DIN 7715 Part 2  
**TOLERANCE**

**STANDARD COLOURS** white

**EDGES** straight, coated

**REACTION TO FIRE** A2-s1, d0 (with a white glass fiber fabric)  
B-s1, d0 (with a colored coating)

DESIGN SOUND-ABSORBING ELEMENTS MADE FOR APPLICATION IN ISLAND SUSPENSION

## MATERIAL

INSULATEK G is the design sound-absorbing element made of high-density glass wool and covered with a white glass fiber fabric or with a colored coating. It can be made in different forms.

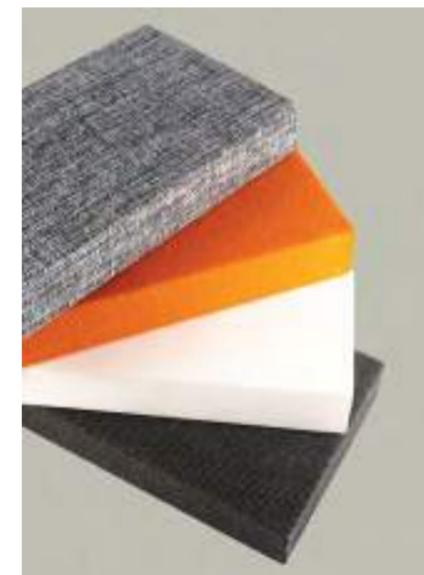
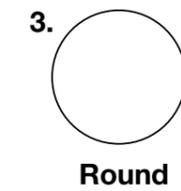
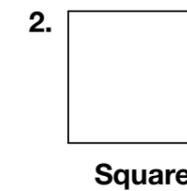
## FIELDS OF APPLICATION

Insulatek G combines excellent sound absorption performance with an elegant and modern design. ideal for creating optimal acoustic comfort in restaurants, offices, classrooms, refectories, auditoriums, museums, shopping centers, receptions, meeting rooms, gyms, etc. The effectiveness of the product is substantiated in reducing the reverberation time within the treated environment with consequent lower background noise, greater intelligibility of speech and music.

## INSTALLATION

INSULATEK G can be applied both horizontally and vertically. the product is already prepared with hooks for suspension. it is recommended to apply at a minimum distance of 200 mm from the ceiling.

## FORMAT



## COATING COLORS RANGE



