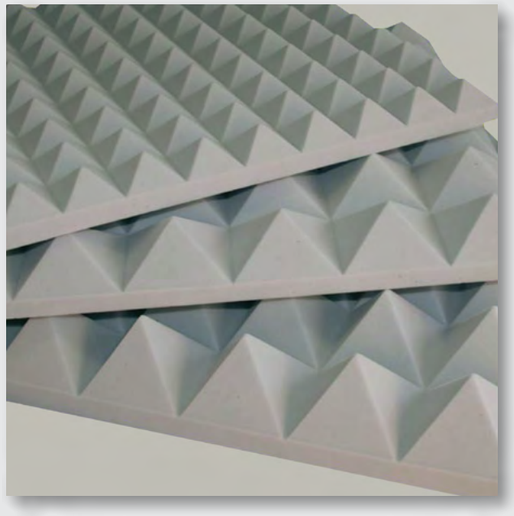
ISOTEK - STOP



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

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

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.

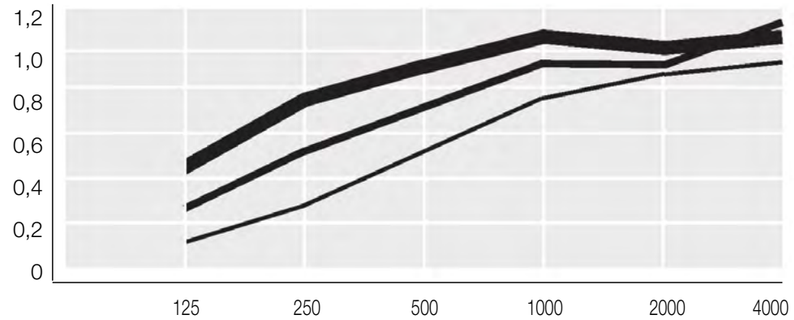
FIELDS OF APPLICATION

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.

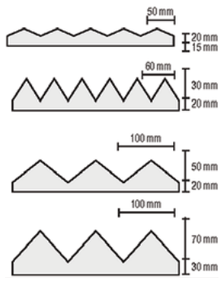
SOUND ABSORPTION COEFFICIENT (αS)



FREQUENCY Hz		125	250	500	1000	2000	4000
αS	50/60	0,13	0,25	0,50	0,75	0,88	0,94
	70/100	0,22	0,49	0,77	0,96	0,96	1,05
	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



35/50

50/60

70/100

100/100