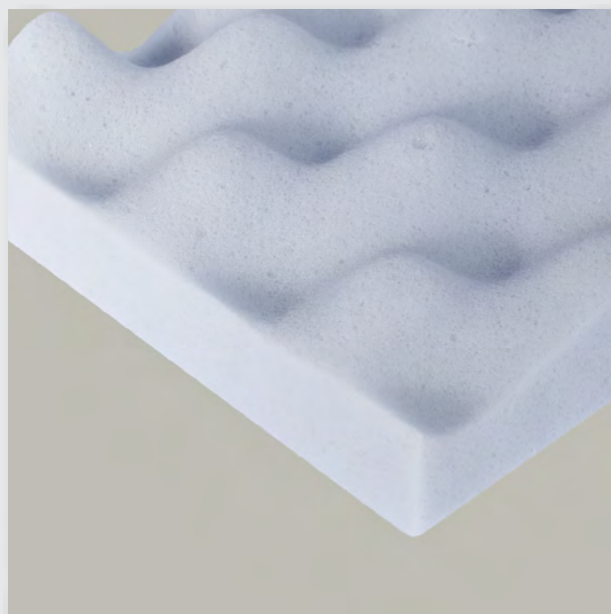


ISOTEK - FOAM



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.

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

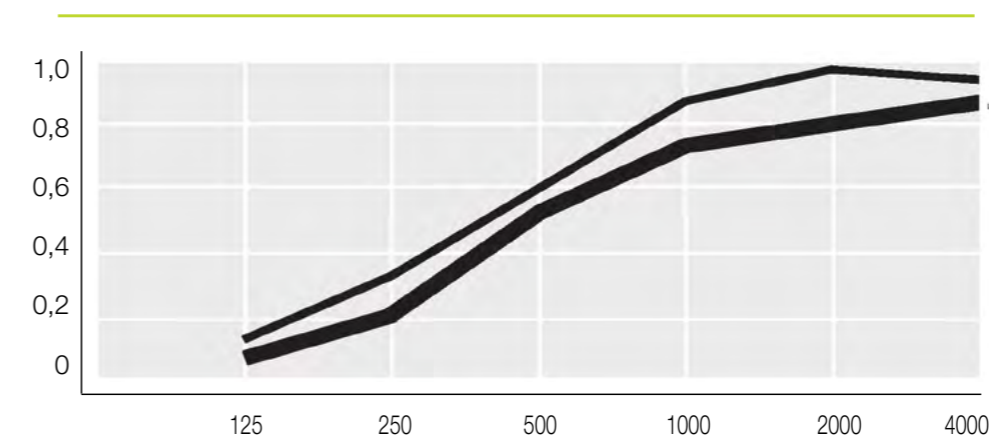
Isotek-Foam is a specific specially profiled soundabsorbing product that, thanks to its technical characteristics can be used where special safety features are required, such as factories, theatres, schools, cafeterias, cinemas, discotheques, firing ranges, hotels, auditoriums, multipurpose halls.

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_S)



FREQUENCY Hz	125	250	500	1000	2000	4000
α_S 30 mm	0,08	0,15	0,48	0,78	0,82	0,85
α_S 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

