



Product Data Sheet

Basotect *Melamine Acoustic Foam*

Produced by BASF from melamine resin, Basotect foam exhibits **superior fire, temperature and chemical resistance**. Further, being halide free, Melamine foam, when exposed to a naked flame or extreme heat does not emit any of the toxic bi-products associated with conventional polyurethane based acoustic foams.

Basotect's **low density and flexibility** provide a practical material, convenient to handle, easy to cut and install, either to original equipment or on-site projects.

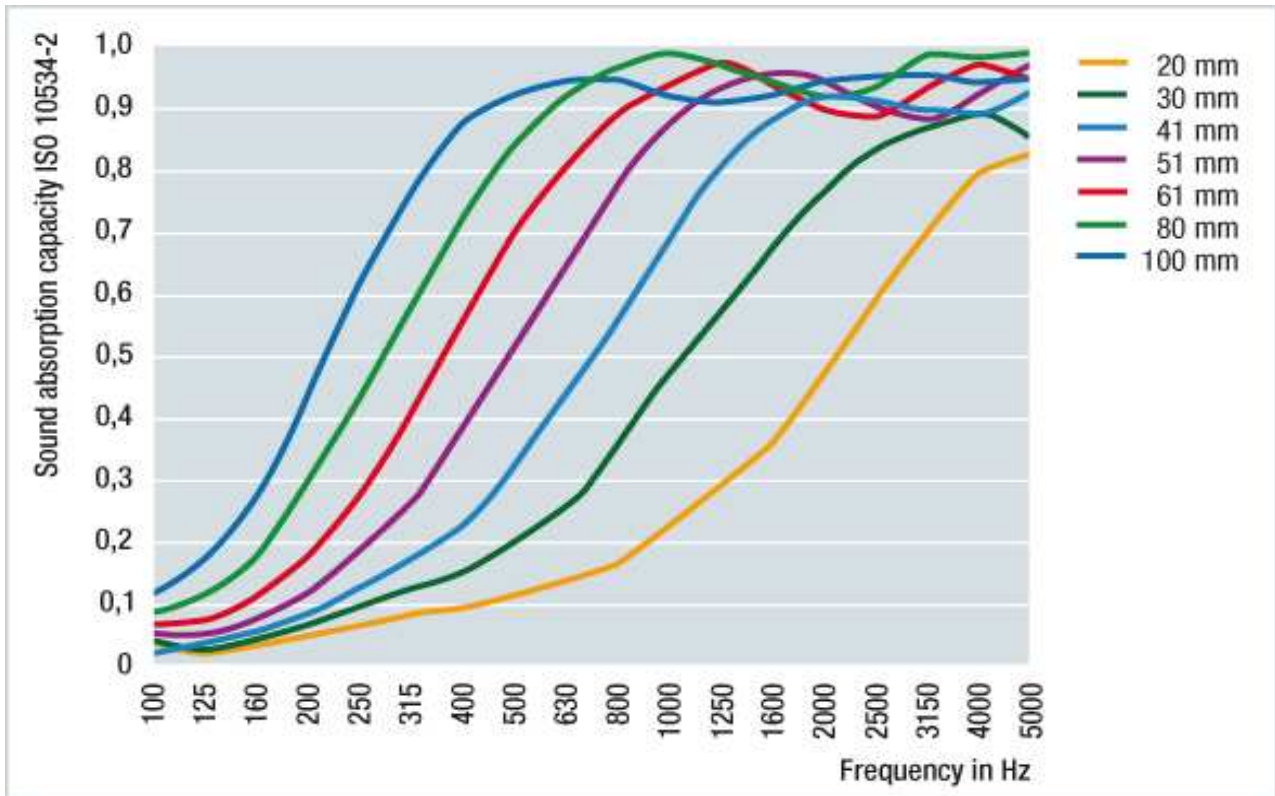
The **outstanding versatility**, coupled with the choice of complimentary materials e.g. Acoustic barriers, and facings, allows Basotect foam to be used in a wide range of industrial and commercial applications where superior reverberation control is required.

Description: Lightweight, light grey, open cell Class 'O' foam with excellent thermal and acoustic insulation properties

Typical applications:	Leisure:	Restaurants, cafes, theatres, cinemas
	Education:	Classrooms, lecture halls, auditoriums
	Sports:	Swimming pool complexes
	HVAC:	Fancoil units, plenums and duct linings
	Building Services:	Wall and ceiling panels for office and conference suites, plant rooms, etc.
	General Industrial:	Enclosure linings and suspended absorbers
	Marine:	Engine rooms and accommodation areas
	Power generation:	Ceiling linings, and slitter and louver infill

Properties:	Density:	9kg/m ³ approx. (BS4443 Part 1: Method 2)
	Tensile Strength:	100 – 150 kPa. (BS4443 Part 1: Method 3A)
	Hardness:	7-20 kPa. (40% deformation) (DIN 53577)
	Cell Count:	150-220 p.p.i.
	Thermal Conductivity:	0.032-0.034 W/m.K
	Maximum continuous service temperature:	160 °C
	Fire Performance:	AS/NZS 1530.3 0,0,0,2 (Certificate available on request)

Acoustic Performance:



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