

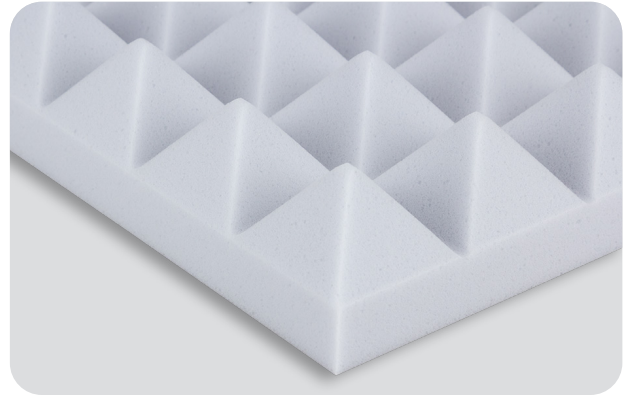
DATA SHEET



soni PYRAMIDE

► Our pyramid-profiled foam **soni PYRAMIDE** is a highly efficient noise-control product made from open-cell melamine foam (Basotect®). **soni PYRAMIDE** scores with exceptional sound-absorption properties and a visually very attractive surface design.

► **soni PYRAMIDE** is highly resistant to aging, free of mineral fibers and physiologically safe. Especially in recording studios, **soni PYRAMIDE** is a preferred wall-mounted sound absorber.



soni PYRAMIDE, grey

*Basotect® is a registered trademark of BASF SE

TECHNICAL DATA

FLAMMABILITY

- DIN 4102, tested according to B1 (flame-retardant)
- DIN EN 13501-1: C-S2, d0
- Fulfills the strict fire safety standard for the automotive industry (FMVSS 302, DIN 75 200)
- ISO 3795, burning rate < 100 mm/min

TEMPERATURE RESISTANCE

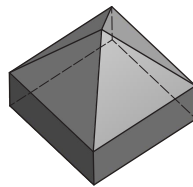
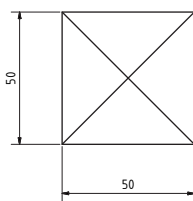
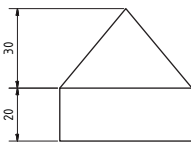
- Long-term: -50°C to +180°C, short-term up to +200°C

THERMAL CONDUCTIVITY / EN 12667

- ≤ 0.034 W/(m·K) at 10°C (comparable to Styrofoam acc. to WLG 035)

DIMENSIONS

PRODUCT	THICKNESS / TOLERANCE [mm]	SHEETS / TOLERANCE [mm]	WEIGHT PER SHEET
PYRAMIDE	50 ± 1	1000 X 500 ± 5	200 g



OPTION

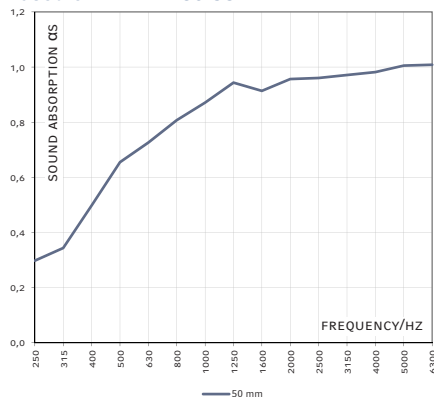
- soni PYRAMIDE is in grey and white available.

BENEFITS

- High sound absorption values
- Excellent flammability characteristics (B1 fulfilled)
- Easy installation, convenient for rooms that are already in use
- High ageing stability
- Free of mineral fibers, physiologically safe

REVERBERATION ROOM

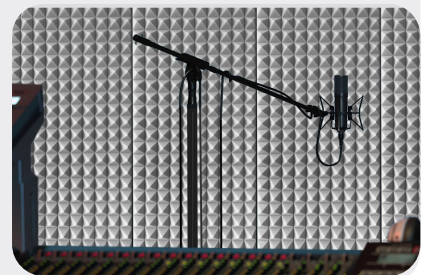
► Based on DIN EN ISO 354



APPLICATIONS

► **soni PYRAMIDE** reduces the sound level in a room and effectively helps improve the acoustic conditions in interior spaces.

► **soni PYRAMIDE** meets the fire safety standards as required for the construction industry. This means that you can use **soni PYRAMIDE** acoustic panels as wall and ceiling liners wherever you need to reduce the noise level with materials that meet strict fire safety regulations.



PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

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ADVICE

- ▶ For this material, fluctuations in air humidity can lead to dimensional variations beyond the indicated dimension tolerances.
- ▶ For a noticeable improvement of the room's acoustics, we recommend lining 30-50 % of the ceiling / wall surfaces with the acoustic panels.

AIR POCKET TOLERANCES

- ▶ When melamine foam is produced, air pockets may form that become visible later on when the foam block is cut into sheets. The following tolerances apply for such air pockets:

Face side / edges:	Ø up to 5 mm: no restrictions
	Ø 5-15 mm: a maximum of 10 per piece
	Ø 15-25 mm: a maximum of 1 per piece
Rear face:	no restrictions as to size and number

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