



CELLO® BBA

Cello® BBA is a multilayer product that combines sound-absorbing and sound-insulating properties. The decorative layer is made from sound-absorbing Cello® 453, the sound-insulating core is a Cello® EVA 6-01 heavy layer, and the bottom layer is made from Cello® 461/0 PUR foam.

Applications: Heating/ventilation/AC systems, cabins/casings/hoods, machine construction, motorboats/yachts



COMPOSITION BBA

Cello® 453*
Cello® EVA
Cello® 461/0

Top: foam with polyester non-woven
Middle: synthetic EVA heavy foil
Bottom: foam, self-adhesive

Thickness as required: 10, 20, 30... mm
Thickness: 3 mm, weight: approx. 6 kg/m²
Thickness: 7 mm

*choice of other decorative materials, e.g. Cello® 451 and 491

TECHNICAL DATA

FLAMMABILITY	▶ FMVSS 302, DIN 75 200, fulfilled ▶ ISO 3795, burning rate < 100 mm/min
TEMPERATURE RESISTANCE	-40°C to +100°C
THERMAL CONDUCTIVITY / EN 12667	≤ 0.040 W/(m·K) at 10°C

DIMENSIONS

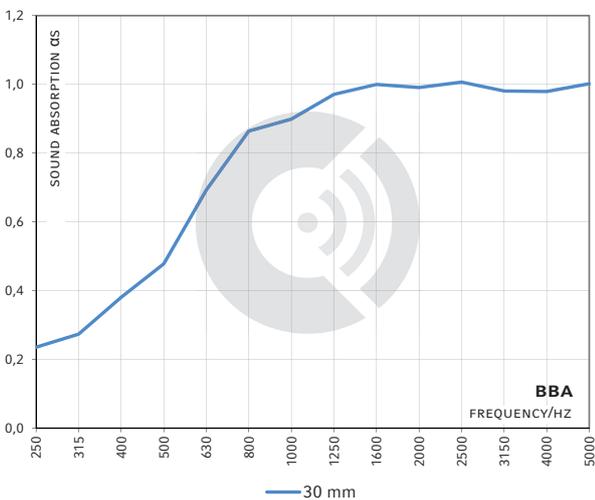
PRODUCT	THICKNESS [mm]	THICKNESS TOLERANCE [mm]	SHEETS* [mm]
BBA	20, 30, 40, 50	± 2,7	1250 X 2100 or 1250 X 1500

Other thicknesses / dimensions on request. Ready-to-use parts according to your specifications or drawing.

*Untrimmed: Effective dimensions guaranteed as ordered, may be exceeded by some layers (foam, film, non-woven etc.).

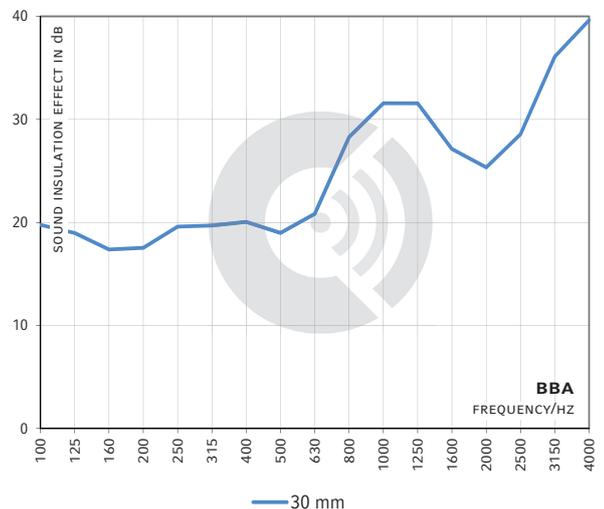
REVERBERATION ROOM

based on DIN EN ISO 354



SOUND TRANSMISSION LOSS

test procedure similar to DIN EN ISO 10140-2



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MORE INFORMATION

- BENEFITS**
- ▶ Optimally coordinated layers to meet customer-specific requirements
 - ▶ Ideal solution for dampening large-bandwidth noise with varying proportions of low, medium and/or high frequencies
 - ▶ Mechanically robust surface, oil-, water- and fuel-repellent
 - ▶ Visually appealing design
 - ▶ Suitable for use in hot and humid environments

OPTIONS Other surface options on request

- ADVICE**
- ▶ When applied on vertical surfaces or overhead, additional mechanical fixation is recommended.
 - ▶ For sealing trimmed edges, we recommend:



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