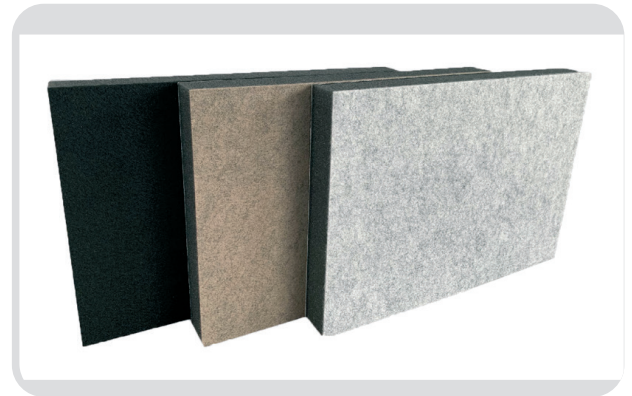


DATA SHEET

soni COMPOSITE

- ▶ **soni COMPOSITE** is a combination product made from our synthetic soni EVA heavy layer and an acoustic foam laminated with a decorative felt layer. This ideal combination ensures a twofold noise-control effect: sound absorption plus sound insulation – for especially high overall effectiveness in reducing the noise level.
- ▶ **soni COMPOSITE** is particularly suitable for sound-transmission insulation. Mounted on the wall towards the neighbor's apartment or behind a so-called curtail wall, for instance, our two-layer acoustic product achieves a noticeable noise reduction.



Colors decorative felt: black, beige or light grey

TECHNICAL DATA

FLAMMABILITY

- ▶ Fulfills the strict fire safety standard for the automotive industry (FMVSS 302, DIN 75 200)
- ▶ ISO 3795, burning rate < 100 mm/min

TEMPERATURE RESISTANCE

- ▶ -40°C to +100°C

DIMENSIONS

PRODUCT	THICKNESS / TOLERANCE [mm]	SHEETS / TOLERANCE [mm]	WEIGHT PER SHEET
COMPOSITE	32 ± 1.5	1000 X 500 ± 5	2.000 g
	52 ± 1.5	1000 X 500 ± 5	2.200 g

ADVICE

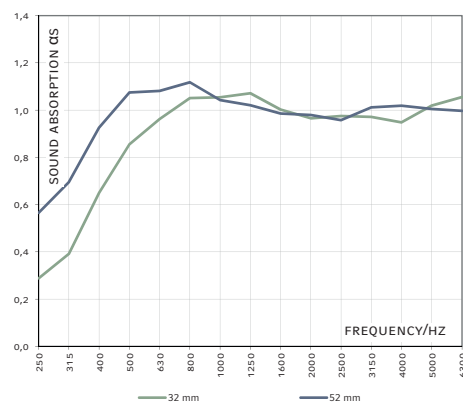
- ▶ For soni COMPOSITE, the self-adhesive layer functions primarily as an installation aid. In case of vertical or overhead installation, additional mechanical fixation is required. An additional function of the self-adhesive backing is to ensure that the heavy foil is closely attached to the entirety of the supporting surface for optimum noise attenuation results.

BENEFITS

- ▶ High sound attenuation plus sound insulation
- ▶ Visually appealing design
- ▶ Free of mineral fibers; physiologically safe
- ▶ Suitable for use in hot and humid environments

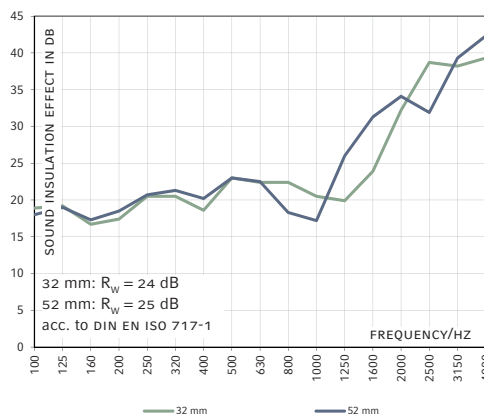
REVERBERATION ROOM

- ▶ Based on DIN EN ISO 354



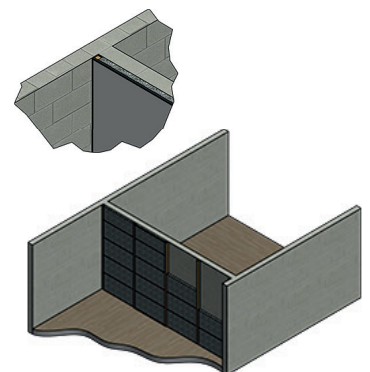
SOUND TRANSMISSION LOSS

- ▶ Test procedure similar to DIN EN ISO 10140-2



CURTAIN WALL STRUCTURE

soni COMPOSITE



PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

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