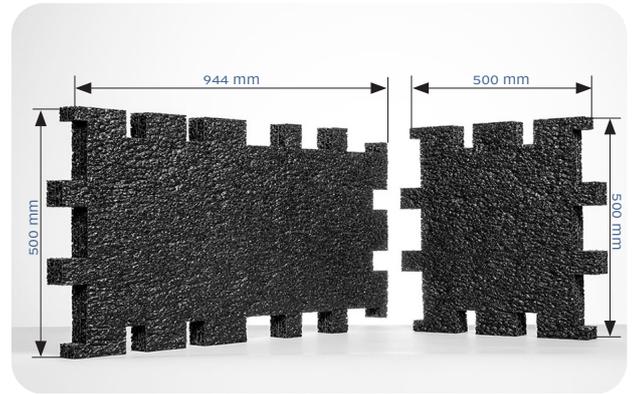


DATA SHEET

PE FOAM

soni RESIST Box

- ▶ The sound-proofing elements of our soni RESIST Box are made of a closed-cell polyethylene foam with sound-insulating as well as sound-absorbing properties. The highly effective “jigsaw-puzzle” elements are available in two different sizes. This makes it possible to build tailor-made casings for compressors, pumps and other noise sources.
- ▶ **soni RESIST Box** in black is suitable for outdoor use due to the special UV stabilization.
Colors: black (UV-resistant), white



TECHNICAL DATA

FLAMMABILITY	<ul style="list-style-type: none"> ▶ DIN 4102, tested according to B1 (white) ▶ DIN 4102, tested according to B2 (black) ▶ Fulfills the strict fire safety standard for the automotive industry (FMVSS 302, DIN 75 200) ▶ ISO 3795, burning rate < 100 mm/min
TEMPERATURE RESISTANCE	▶ -50°C to +80°C (short-term: up to 100°C for 30 min per day)
THERMAL CONDUCTIVITY / ISO 8301	▶ ≤ 0.082 W/(m·K) at -5°C
WATER ABSORPTION / UNI EN 12088	▶ Water pick up by diffusion (RH > 95% after 28 days) < 4% Vol. Advice: In case of direct weather exposure, the cut edges and the exposed side need to be covered.

DIMENSIONS

PRODUCT	THICKNESS / TOLERANCE [mm]	DIMENSION / TOLERANCE [mm]	WEIGHT PER ELEMENT
RESIST BOX	50 -0/+8	Large: 944 x 500 ± 5 Small: 500 x 500 ± 5	Large: 600 g Small: 300 g

DELIVERY FORM

- ▶ Available in two sizes

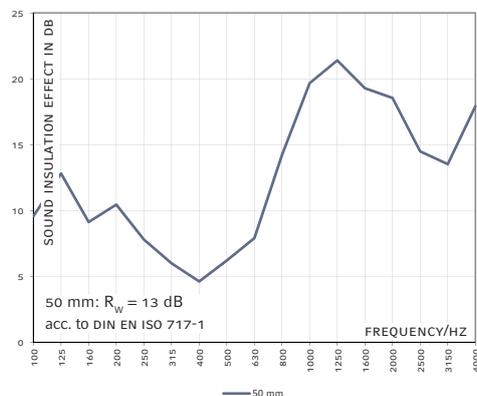
BENEFITS

- ▶ Good sound insulation and sound attenuation effects
- ▶ Very good stability and sturdiness
- ▶ Good flammability characteristics
- ▶ Dirt-repellent and easy to clean

PE FOAM

SOUND TRANSMISSION LOSS

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



APPLICATIONS

- ▶ Its excellent sound-insulating and sound-absorbing properties make the soni RESIST Box perfect for use as a versatile compressor enclosure. The noise level can be reduced by almost 50 %. Even pool pumps that are exposed to the weather can be perfectly insulated thanks to the UV stability of the black acoustic elements.



PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

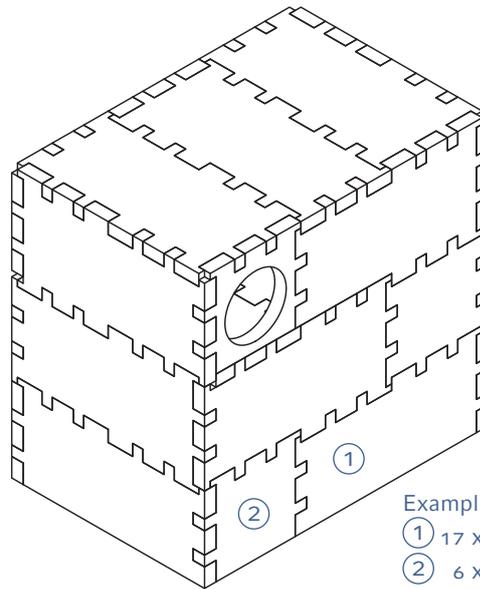
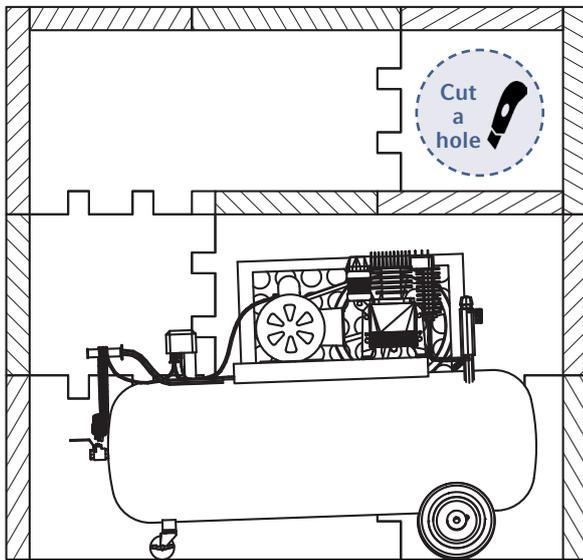
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ASSEMBLY INSTRUCTIONS

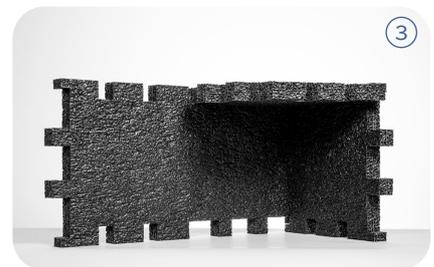
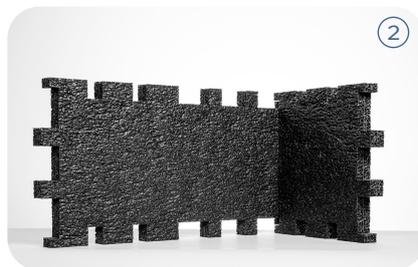
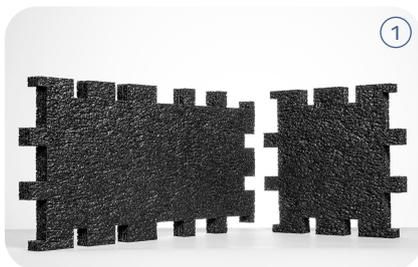


Example:

- ① 17 x 944 x 500 mm
- ② 6 x 500 x 500 mm



TO THE INSTALLATION VIDEO



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