

DATA SHEET

soni ELEMENT

- ▶ **soni ELEMENT** is a range of charming acoustic elements for effective noise absorption and sound-conditioning. They consist of a white polyester non-woven, optionally laminated with a decorative felt material in modern trend colors. Designed for elements, the noise absorbers are available in different sizes and a wide variety of shapes – for customized room decoration in line with your individual design concept and ideas.
- ▶ The installation of **soni ELEMENT** improves speech intelligibility, resulting in a more pleasant atmosphere and a lower noise level in day-care centers, kindergartens and schools etc.



TECHNICAL DATA

FLAMMABILITY	<ul style="list-style-type: none"> ▶ DIN EN 13501-1: C-s2, d0* (Colour variants) ▶ DIN 4102, tested according to B1 (flame-retardant) (colour: white) ▶ Fulfills the strict fire safety standard for the automotive industry (FMVSS 302, DIN 75 200) ▶ ISO 3795, burning rate < 100 mm/min
TEMPERATURE RESISTANCE	▶ -30°C to +100°C
THERMAL CONDUCTIVITY / EN 12667	▶ ≤ 0.037 W/(m·K) at 10°C
DIMENSION CHANGE WHEN EXPOSED TO HEAT	▶ at temperatures above 100°C: approx. ± 10%
COLOR	<ul style="list-style-type: none"> ▶ Orange ▶ Green ▶ Beige ▶ Blue ▶ Light grey ▶ Pink ▶ Anthracite ▶ Red  Directly to the product Color selection

*glued on plaster board with soni SPECIAL ADHESIVE, or fixed with soni VELCRO tape.

BENEFITS

- ▶ Good sound absorption values
- ▶ Free of mineral fibers, physiologically safe, no emission of formaldehyde
- ▶ Excellent flammability characteristics
- ▶ High durability and good shape stability / High ageing stability

ADVICE

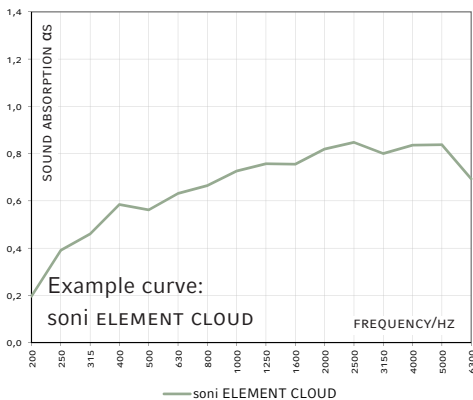
- ▶ There might be minimal color variations between different lots, which will not constitute a reason for complaint.

FIXATION OPTIONS

- ▶ [soni SPECIAL ADHESIVE](#)
- ▶ [soni VELCRO TAPE](#) (only for wall mounting)
- ▶ [soni RING HANGER](#)

REVERBERATION ROOM

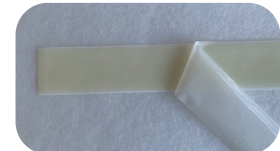
- ▶ Based on DIN EN ISO 354



FIXATION USING SELF-ADHESIVE VELCRO TAPE



1. Cut off the Velcro tape to the required length.¹⁾



2. Press the Velcro side onto the non-woven and remove the protective film.



3. Press the element on the desired surface.

¹⁾ Recommended length of the Velcro tape: For a secure hold, cut the Velcro tape to approximately the width of the acoustic element.

PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

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DIMENSIONS

PRODUCT	DIMENSION [mm]	GRAMMAGE PER ELEMENT	COLOUR SAMPLES
SONI ELEMENT LEO	Large: 971 X 603 X 50* Small: 587 X 364 X 50*	Large: 550 g Small: 170 g ± 10 %	
SONI ELEMENT BRUNO	Large: 926 X 558 X 50* Small: 518 X 312 X 50*	Large: 560 g Small: 240 g ± 10 %	
SONI ELEMENT FRED	Large: 866 X 558 X 50* Small: 521 X 336 X 50*	Large: 420 g Small: 180 g ± 10 %	
SONI ELEMENT BUTTERFLY	Large: 853 X 569 X 50* Small: 512 X 341 X 50*	Large: 360 g Small: 130 g ± 10 %	
SONI ELEMENT FLORA	Large: 602 X 554 X 50* Small: 407 X 407 X 50*	Large: 360 g Small: 150 g ± 10 %	
SONI ELEMENT CLOUD	Large: 989 X 575 X 50* Small: 533 X 308 X 50*	Large: 570 g Small: 160 g ± 10 %	
SONI ELEMENT STAR	Large: 600 X 571 X 50* Small: 360 X 343 X 50*	Large: 207 g Small: 70 g ± 10 %	
SONI ELEMENT TRAIN	Lok: 780 X 570 X 50* W: 406 X 427 X 50*	Lok: 465 g W: 186 g ± 10 %	

*Thickness tolerance / EN ISO 9073-2: 10%

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