

## 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

<b>FLAMMABILITY</b>	<ul style="list-style-type: none"> <li>▶ DIN EN 13501-1: C-S2, d0* (Colour variants)</li> <li>▶ DIN 4102, tested according to B1 (flame-retardant) (colour: white)</li> <li>▶ Fulfills the strict fire safety standard for the automotive industry (FMVSS 302, DIN 75 200)</li> <li>▶ ISO 3795, burning rate &lt; 100 mm/min</li> </ul>
<b>TEMPERATURE RESISTANCE</b>	▶ -30°C to +100°C
<b>THERMAL CONDUCTIVITY / EN 12667</b>	▶ ≤ 0.037 W/(m·K) at 10°C
<b>DIMENSION CHANGE WHEN EXPOSED TO HEAT</b>	▶ at temperatures above 100°C: approx. ± 10%
<b>COLOR</b>	<ul style="list-style-type: none"> <li>▶ Orange ▶ Green ▶ Beige ▶ Blue</li> <li>▶ Light grey ▶ Pink ▶ Anthracite ▶ Red</li> </ul>  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

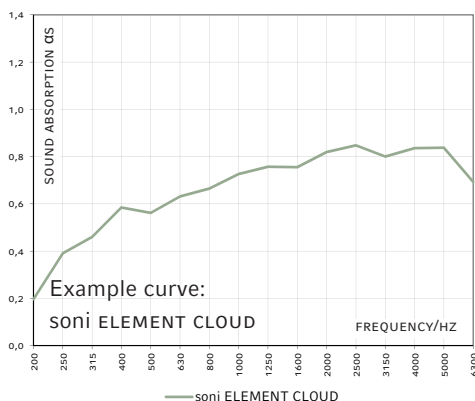
- ▶ There might be minimal color variations between different lots

## FIXATION OPTIONS

- ▶ soni SPECIAL ADHESIVE
- ▶ soni VELCRO TAPE
- ▶ soni RING HANGER

## REVERBERATION ROOM

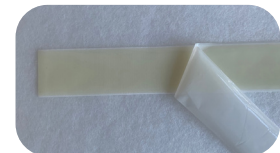
- ▶ Based on DIN EN ISO 354



## FIXATION USING SELF-ADHESIVE VELCRO TAPE



1. Cut off the Velcro tape to the required length.<sup>1)</sup>



2. Remove protective film and stick Velcro tape with adhesive backing to the wall.



3. Press element on the Velcro tape

<sup>1)</sup> 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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