

DATA SHEET

soni CIRCLE | soni HEXAGON

► **soni CIRCLE** and **soni HEXAGON** are elegant acoustic elements for effective sound absorption and sound conditioning of interior spaces. The absorbers consist of a white polyester non-woven, laminated with a decorative felt layer in modern trend colors.

The geometric shapes allow you to create beautiful patterns on the wall or ceiling, adding striking design effects to acoustic effectiveness.



TECHNICAL DATA

FLAMMABILITY	<ul style="list-style-type: none"> ► DIN EN 13501-1: C-S2 d0* ► 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
COLORFASTNESS TEST OF FELT COVER	► DIN EN ISO 105-B02: 6-7
ABRASION RESISTANCE OF FELT COVER	► ISO 12947-2: > 50.000 rubs
COLOR	<ul style="list-style-type: none"> <li style="margin-right: 10px;">► Orange <li style="margin-right: 10px;">► Green <li style="margin-right: 10px;">► Beige <li style="margin-right: 10px;">► Blue <li style="margin-right: 10px;">► Light grey <li style="margin-right: 10px;">► Pink <li style="margin-right: 10px;">► Anthracite <li style="margin-right: 10px;">► Red <li style="margin-right: 10px;">► Greige



Directly to the product | Color selection

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

DIMENSIONS

PRODUCT	THICKNESS [mm] / TOLERANCE	DIMENSION [mm]	GRAMMAGE PER ELEMENT
CIRCLE	50 ± 10%	Large: Ø 380 Small: Ø 235	210 g 75 g
HEXAGON	30 ± 10% 50 ± 10%	462 X 400 462 X 400	120 g 230 g

ADVICE

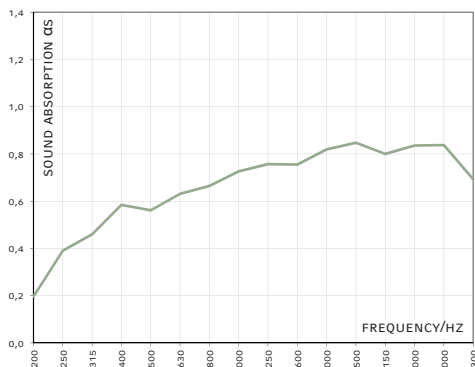
- There might be minimal color variations between different lots, which will not constitute a reason for complaint.
- For a noticeable improvement of the room's acoustics, we recommend lining 30-50 % of the ceiling / wall surfaces with the acoustic panels.

BENEFITS

- High 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
- Simple fixing by means of: soni SPECIAL ADHESIVE, soni VELCRO TAPE

REVERBERATION ROOM

- Based on DIN EN ISO 354



APPLICATIONS

- **soni CIRCLE** and **soni HEXAGON** acoustic elements significantly reduce the noise level in interior spaces and help improve the acoustic conditions in offices, conference rooms, restaurants, cafeterias and doctor's offices. Also in schools and kindergartens, **soni CIRCLE** and **soni HEXAGON** are an effective noise-control measure.
- Especially suitable for all noise-reduction applications calling for compliance with fire protection requirements.



PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

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