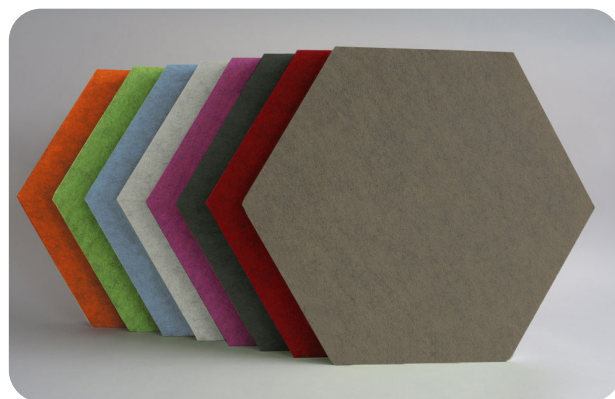


DATA SHEET

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 | ► 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 |

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

DIMENSIONS

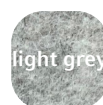
| PRODUCT | THICKNESS [mm] / TOLERANCE | DIMENSION [mm] | GRAMMAGE PER ELEMENT |
|---------|----------------------------|------------------------------|----------------------|
| CIRCLE | 50 ± 10% | Large: Ø 380 Small: Ø 235 | 210 g 75 g |
| HEXAGON | 30 ± 10% 50 ± 10% | 462 X 400 462 X 400 | 120 g 230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

ADVICE

- There might be minimal color variations between different lots
- For a noticeable improvement of the room's acoustics, we recommend lining 30-50 % of the ceiling / wall surfaces with the acoustic panels.

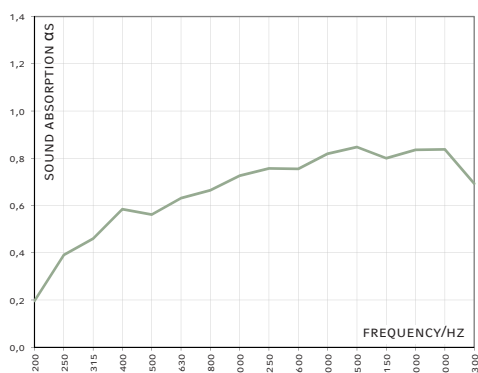
BENEFITS

- 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



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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