

DATA SHEET



soni COMFORT SD

- ▶ **soni COMFORT SD** are square acoustic tiles (620 x 620 mm) for convenient insertion into suspended standard grid ceilings or Odenwald-system ceilings (owa).
- ▶ **soni COMFORT SD** acoustic elements are made from a very effective sound-absorbing polyester non-woven. Special thermal compaction provides the face side of the white tiles with a smooth and visually attractive surface texture.



Completely recyclable



TECHNICAL DATA

FLAMMABILITY	<ul style="list-style-type: none"> ▶ DIN EN 13501: B-S1, d0 (Distance to ceiling: ≥ 80 mm) ▶ 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 $+150^{\circ}\text{C}$
THERMAL CONDUCTIVITY / EN 12667	▶ ≤ 0.037 W/(m·K) at 10°C (comparable to Styrofoam acc. to wLG 035)
DIMENSION CHANGE WHEN EXPOSED TO HEAT	▶ at temperatures above 100°C : approx. $\pm 10\%$

DIMENSIONS

PRODUCT	THICKNESS [mm] / TOLERANCE	SHEETS / TOLERANCE [mm]	WEIGHT PER SHEET
COMFORT SD	$45 \pm 10\%$	$620 \times 620 \pm 5$	580 g

ADVICE

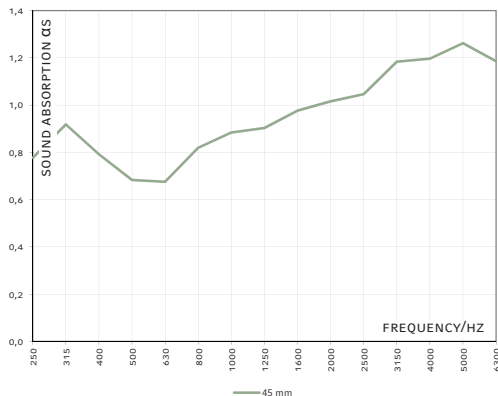
- ▶ There might be minimal color variations between different lots
- ▶ In some cases, the rear side of the panels may show our company name/logo or a material identification label.

BENEFITS

- ▶ High sound absorption values
- ▶ Optimized room acoustics
- ▶ High durability and good shape stability
- ▶ Free of mineral fibers, physiologically safe, no emission of formaldehyde
- ▶ High ageing stability
- ▶ Will not darken the room

REVERBERATION ROOM

- ▶ Based on DIN EN ISO 354



Distance to ceiling: 300 mm

APPLICATIONS

- ▶ **soni COMFORT SD** acoustic tiles considerably reduce the reverberation in a room and contribute to improving the acoustic conditions in offices, conference rooms, waiting areas and other types of interior spaces. **soni COMFORT SD** is also an effective noise reduction measure for schools, day-care centers, kindergartens or large halls. The resulting improvements in ambient quality make long stays much more pleasant.



Ceiling with soni COMFORT SD and soni COLOR RD

PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

Details and values given in this leaflet are average values and have been compiled with care. They are not binding, however, and Cellofoam International GmbH & Co. KG disclaims any liability for any damages and detriments, also in connection with any third party's rights. The information given does not release the buyers from making the necessary experiments and tests themselves. Subject to technical changes. For updates please go to our website.

Cellofoam International GmbH & Co. KG
 Business unit soniflex
 P: +49 7351 340 28 61
 sales@soniflex.de / www.soniflex.de

VERSION 01/21

Distribution partner for Switzerland:
 soniflex Switzerland
 P: +41 44 377 60 50
 einkauf@soniflex.ch / www.soniflex.ch