

SONEX® WF flat absorber

for highly absorbent rooms in accordance with ISO 3744
and anechoic rooms in accordance with ISO 3745
for broad-band noise sources

NEW!!!
Now with 30 Hz

■ Absorption material

Mineral wool acoustically optimised specifically for this application, exempted under Annex V, No. 7 of the German Hazardous Substances Ordinance (*Gefahrstoffverordnung*) or porous melamine resin foam

■ Surface protection

Perforated steel sheet, impact-resistant, coated in RAL 9002 as standard. Also available in other RAL colours and galvanised

■ Fire behaviour

Absorption material made of:
Mineral wool (standard),
non-combustible to DIN EN 13501/A2;
foam (on request),
fire retardant to DIN EN 13501/B1

■ Dimensions

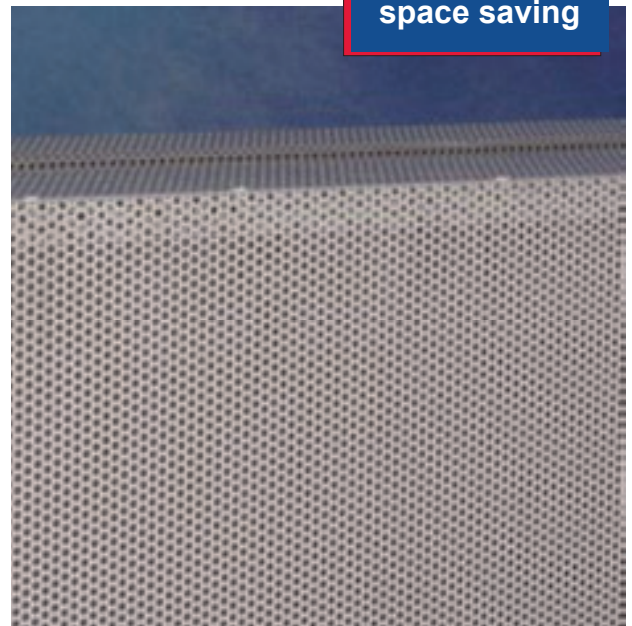
Element width: Approx. 600 mm
Element length: Approx. 5000 mm
Lining depth: 250 – 1200 mm

The element area and lining depth are designed and adapted to meet the specific requirements at low frequencies.

■ Quality control

- Technical monitoring of acoustic properties in G+H Noise Control's own measuring facilities
- G+H Noise Control has a QM system certified to DIN EN ISO 9001 – 2008

space saving



	Measurement results ISO 10534-2 in the impedance tube	Measurement results ISO 354 in the reverberation room (measuring range 50 Hz to 100 Hz for orientation only)
Flat absorber SONEX® WF Lining depth: $t = 250 \text{ mm}$ $f_u = 125 \text{ Hz}$		
Flat absorber SONEX® WF Lining depth: $t = 350 \text{ mm}$ $f_u = 80 \text{ Hz}$		
Flat absorber SONEX® WF Lining depth: $t = 550 \text{ mm}$ $f_u = 63 \text{ Hz}$		
Flat absorber SONEX® WF Lining depth: $t = 700 \text{ mm}$ $f_u = 50 \text{ Hz}$		
Flat absorber SONEX® WF Lining depth: $t = 1200 \text{ mm}$ $f_u = 30 \text{ Hz}$		G+H reverberation room (200 m³)
		IABG reverberation room (1170 m³)

The data given in this product information corresponds to our know-how and is subject to alterations. Guarantees are only valid on individual contracts when executed by G+H Noise Control