

GENERAL

Type: acoustic FIBER panel
25W44 color white
25G44 color grey mélange



CHARACTERISTICS

100% PET of which 30% is recycled
100% recyclable
Non respirable material
Formaldehyde free
ÖKO-TEX® standard 100 product class 1 certified
Reach certified
Lightweight & strong
Dimensionally stable
Self-supporting, vertical and horizontal use

DIMENSIONS

Size: 2000 x 3000 x 25 mm

PROCESSING & FINISHING OPTIONS

cutting / milling / printing / laminating
We can service these options in house.

FIRE CLASSIFICATION

B1 according to DIN 4102-1:1998-05
(tested on 25G44)

MAINTENANCE

With clean duster or clean, soft brush.
With vacuum cleaner with a soft nozzle.

*Note: variations may occur in the grey mélange between production runs, due to the production process.
Inclusions of fiber in the surface may occur (and may remain visible when printed), this does not constitute grounds for complaint.*

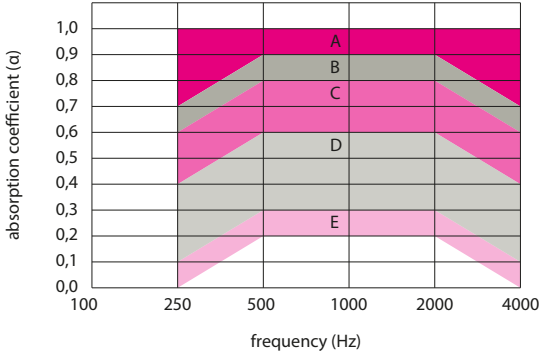
TECHNICAL SHEET FIBER 25W44 & 25G44

ACOUSTICS ACCORDING TO DIN EN ISO 354, DIN EN ISO 11654, ASTM C 423

Type 25G44: FIBER grey 25 mm
Table: comparison acoustic values

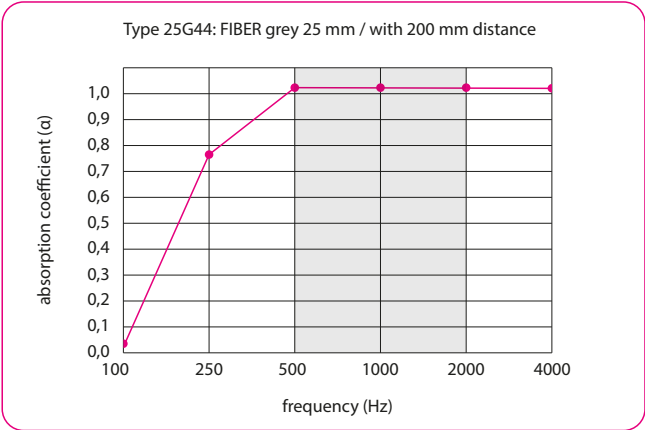
frequency (Hz)	200 mm distance	100 mm distance	no distance	free standing
100	0,07	0,14	0,05	0,16
250	0,76	0,53	0,26	0,42
500	1,11	1,07	0,71	0,57
1000	1,10	1,18	1,00	0,76
2000	1,10	1,10	1,15	0,85
4000	1,16	1,16	1,11	0,91

Sound absorption classes A - B - C - D - E

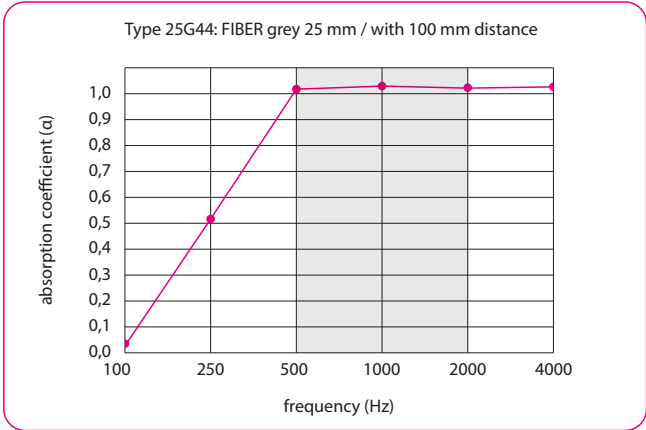


TECHNICAL SHEET FIBER 25W44 & 25G44

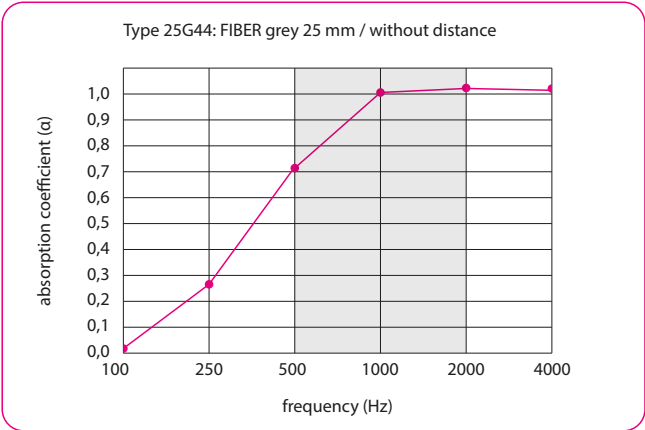
ACOUSTICS ACCORDING TO DIN EN ISO 354, DIN EN ISO 11654, ASTM C 423



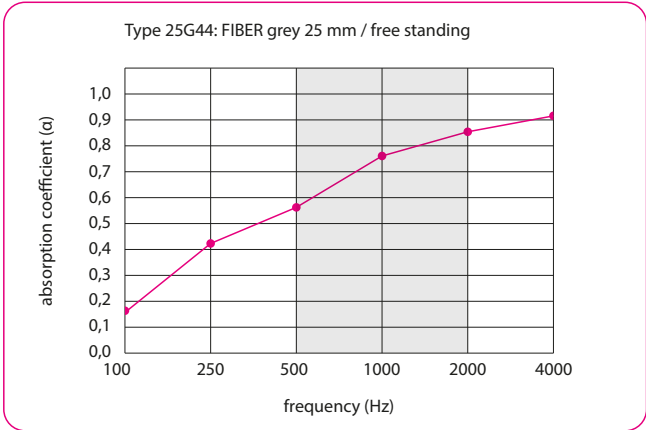
Absorption class A nrc 1
SAA 1,02
aw 1,00



Absorption class A nrc 0,95
SAA 0,98
aw 0,90



Absorption class D nrc 0,80
SAA 0,77
aw 0,55



Absorption class C nrc 0,65
SAA 0,64
aw 0,60

* Spacers improve the acoustic properties

TECHNICAL SHEET FIBER 25W44 & 25G44