

fonateX



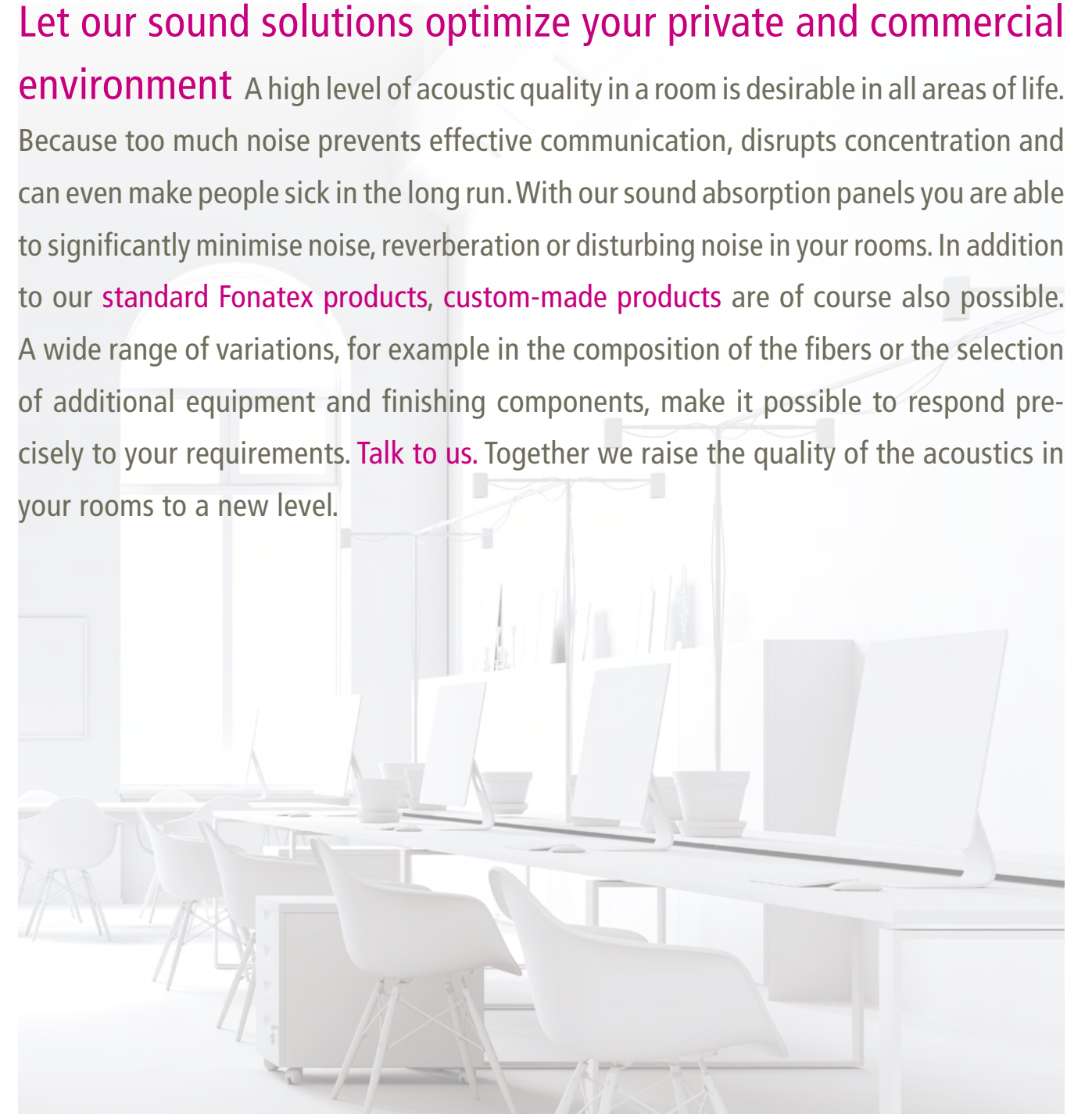
This is how room acoustics reach
a new level – think Polyvlies

POLY
VLIIES
Group

The logo for fonatex, featuring the word "fonatex" in a blue sans-serif font with a stylized blue square icon containing a white 'x' shape to the right.

Let our sound solutions optimize your private and commercial environment

A high level of acoustic quality in a room is desirable in all areas of life. Because too much noise prevents effective communication, disrupts concentration and can even make people sick in the long run. With our sound absorption panels you are able to significantly minimise noise, reverberation or disturbing noise in your rooms. In addition to our **standard Fonatex products**, **custom-made products** are of course also possible. A wide range of variations, for example in the composition of the fibers or the selection of additional equipment and finishing components, make it possible to respond precisely to your requirements. **Talk to us.** Together we raise the quality of the acoustics in your rooms to a new level.

The logo for fonatex, featuring the word "fonatex" in a blue sans-serif font with a stylized blue square icon containing a white 'x' shape to the right.

fonatex



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Be inspired by
our application
examples

- \ Room divider
- \ Wall elements
- \ Desk partitions
- \ Ceiling elements
- \ Decorative panels
- \ Furniture boxes
- \ Shelving systems
- \ ...

There are no limits
to your imagination.
Contact us.

☎ 05459 9310 - 400

✉ fonatex@polyvlies.de

Detailed information about
our Fonatex Products can
be found behind this side tab.





www.fonatex.eu



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Internet: www.fonatex.eu





Environment
≥ 50 % biogenic and
sustainable raw materials



Fire classification
acc. EN 13501-1
— E — *

Fonatex Nature 10

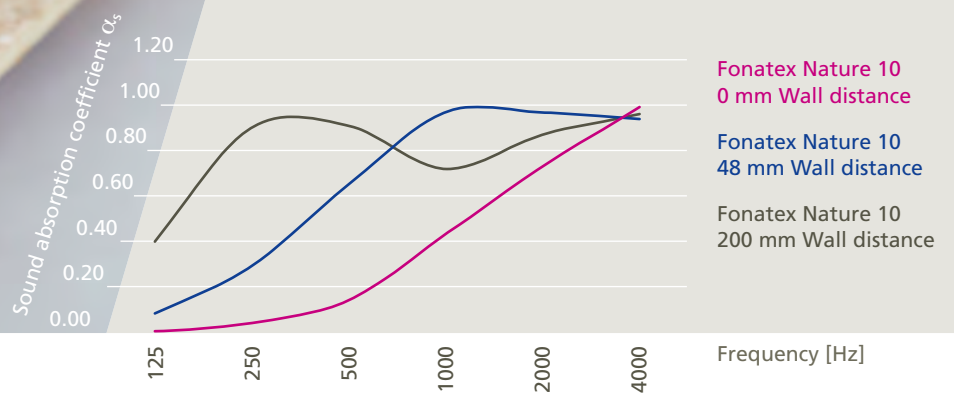
Technical characteristics

Material	50 % Polyester 50 % Natural fiber
Thickness	10 mm **
Weight	2.000 g/m ² **
Dimensions	maximum length: 3.070 mm maximum width: 2.070 mm
Colour	nature

* Product withstands small flame for a short time without significant spread and dropping or burning (standard flammability)

** other versions on customers request

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Acoustic properties

The measurement results were determined according to DIN EN ISO 354 and classified according to DIN EN ISO 11654.

Thickness [mm]	Wall distance [mm]	α_p Practical sound absorption coefficient						α_w	Absorber classification
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
10	0	0.00	0.05	0.15	0.45	0.75	0.95	0.25	E
10	48	0.10	0.30	0.65	0.95	0.95	0.90	0.60	C
10	200	0.40	0.80	0.90	0.80	0.90	0.95	0.90	A

fonatex

10

10



Environment
Completely recyclable
[100 % PET]



Fire classification
acc. EN 13501-1
B - s2, d0 *

Fonatex 10

Technical characteristics

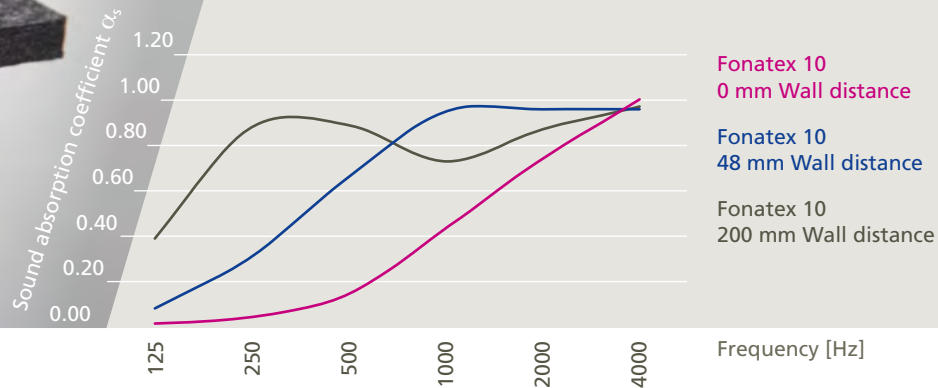
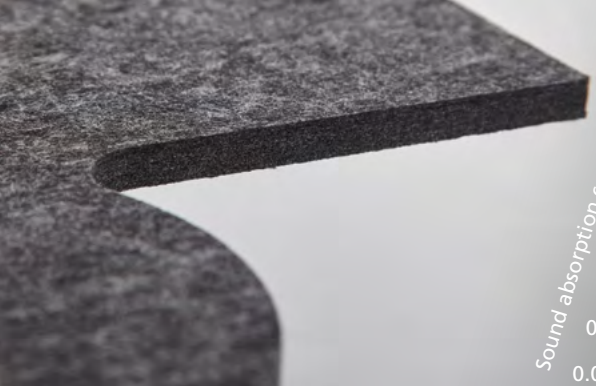
Material	100 % Polyester [PET]
Thickness	10 mm **
Weight	2.400 g/m ² **
Dimensions	maximum length: 3.070 mm maximum width: 2.070 mm
Colour	grey mottled, anthracite

* flame retardant (schwer entflammbar)/non-dripping

** other versions on customers request

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Acoustic properties

The measurement results were determined according to DIN EN ISO 354 and classified according to DIN EN ISO 11654.

Thickness [mm]	Wall distance [mm]	α_p Practical sound absorption coefficient						α_w	Absorber classification
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
10	0	0.00	0.05	0.15	0.45	0.75	0.95	0.25	E
10	48	0.10	0.30	0.65	0.95	0.95	0.95	0.60	C
10	200	0.40	0.80	0.90	0.80	0.90	0.95	0.90	A

fonatex

17

17



Environment
Completely recyclable
[100 % PET]



Fire classification
acc. EN 13501-1
B - s2, d0 *

Fonatex 17

Technical characteristics

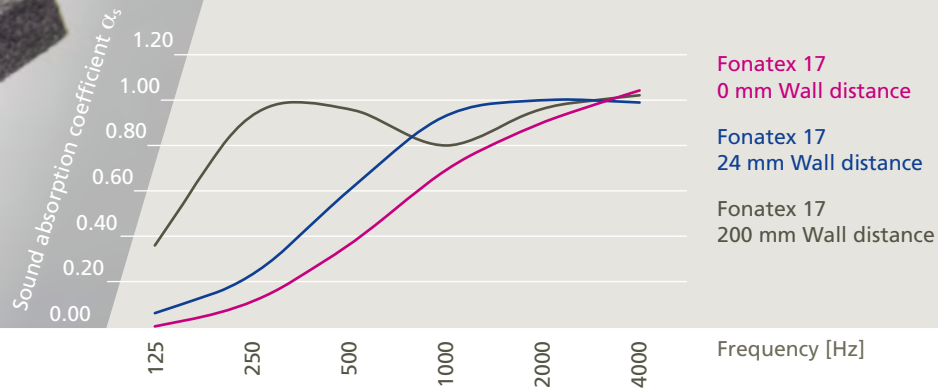
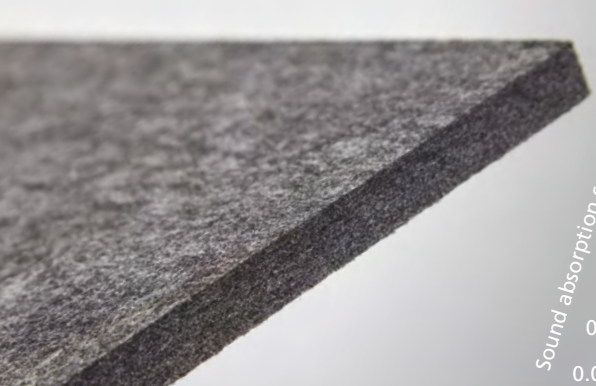
Material	100 % Polyester [PET]
Thickness	17 mm **
Weight	2.000 g/m ² **
Dimensions	maximum length: 3.070 mm maximum width: 2.070 mm
Colour	grey mottled, anthracite

* flame retardant (schwer entflammbar)/non-dripping

** other versions on customers request

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Acoustic properties

The measurement results were determined according to DIN EN ISO 354 and classified according to DIN EN ISO 11654.

Thickness [mm]	Wall distance [mm]	α_p Practical sound absorption coefficient						α_w	Absorber classification
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
17	0	0.00	0.10	0.35	0.70	0.90	1.00	0.35	D
17	24	0.05	0.25	0.60	0.95	1.00	1.00	0.55	D
17	200	0.40	0.85	0.95	0.85	0.95	1.00	0.95	A

fonatex

20

20



Environment
Completely recyclable
[100 % PET]



Fire classification
acc. EN 13501-1
B - s2, d0 *

Fonatex 20

Technical characteristics

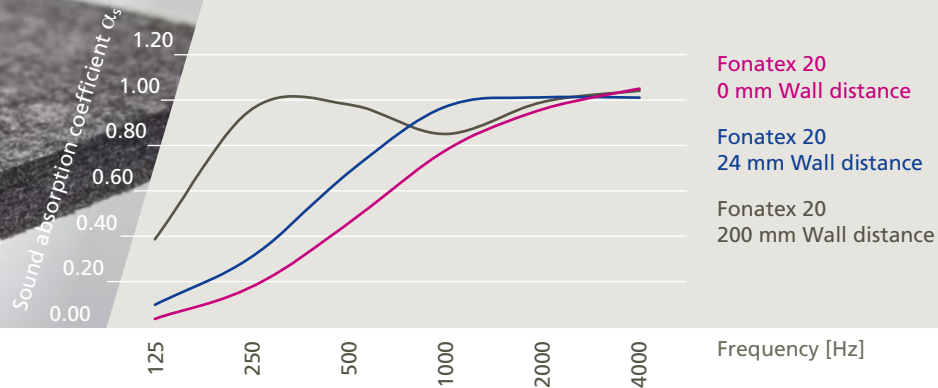
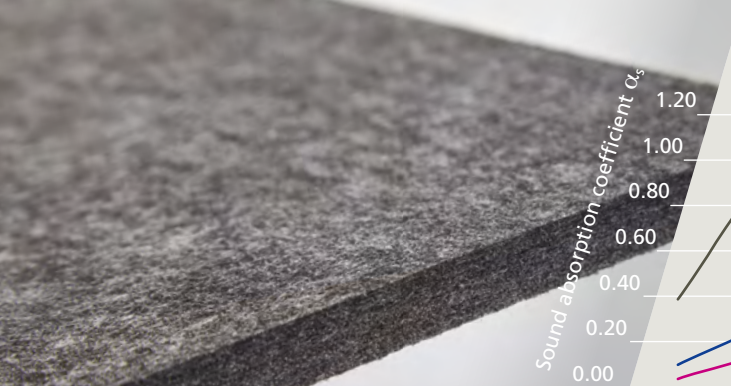
Material	100 % Polyester [PET]
Thickness	20 mm **
Weight	2.000 g/m ² **
Dimensions	maximum length: 3.070 mm maximum width: 2.070 mm
Colour	grey mottled, anthracite

* flame retardant (schwer entflammbar)/non-dripping

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Acoustic properties

The measurement results were determined according to DIN EN ISO 354 and classified according to DIN EN ISO 11654.

Thickness [mm]	Wall distance [mm]	α_p Practical sound absorption coefficient						α_w	Absorber classification
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
20	0	0.05	0.20	0.45	0.80	0.95	1.00	0.45	D
20	24	0.10	0.30	0.65	0.95	1.00	1.00	0.60	C
20	200	0.40	0.85	1.00	0.90	1.00	1.00	1.00	A

fonatex

25

25



Environment
Completely recyclable
[100 % PET]



Fire classification
acc. EN 13501-1
B - s2, d0 *

Fonatex 25

Technical characteristics

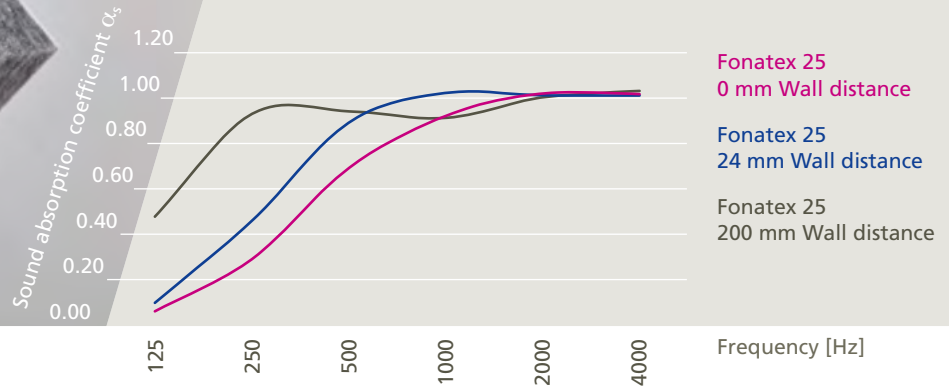
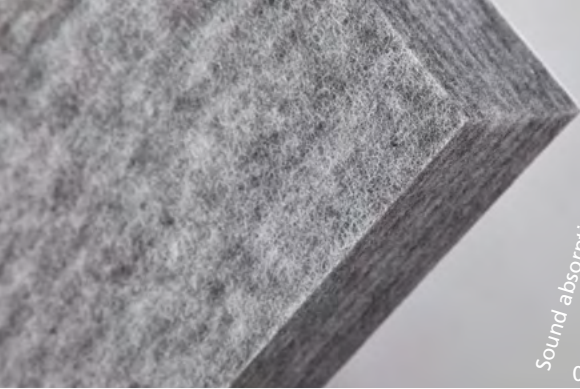
Material	100 % Polyester [PET]
Thickness	25 mm **
Weight	3.000 g/m ² **
Dimensions	maximum length: 3.070 mm maximum width: 2.070 mm
Colour	grey mottled, anthracite

* flame retardant (schwer entflammbar)/non-dripping

** other versions on customers request

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Acoustic properties

The measurement results were determined according to DIN EN ISO 354 and classified according to DIN EN ISO 11654.

Thickness [mm]	Wall distance [mm]	α_p Practical sound absorption coefficient						α_w	Absorber classi- fication
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
25	0	0.10	0.30	0.65	0.90	1.00	1.00	0.60	C
25	24	0.15	0.45	0.85	1.00	1.00	1.00	0.75	C
25	200	0.50	0.85	0.95	0.90	1.00	1.00	0.95	A

fonatex

40

40



Environment
Completely recyclable
[100 % PET]



Fire classification
acc. EN 13501-1
B - s2, d0 *

Fonatex 40

Technical characteristics

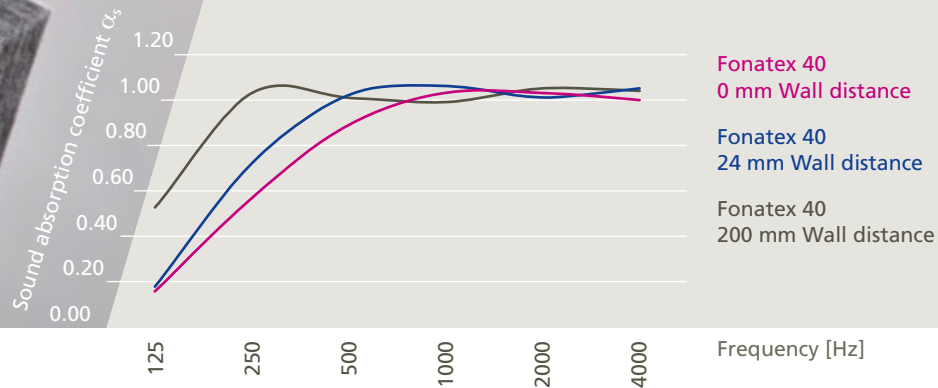
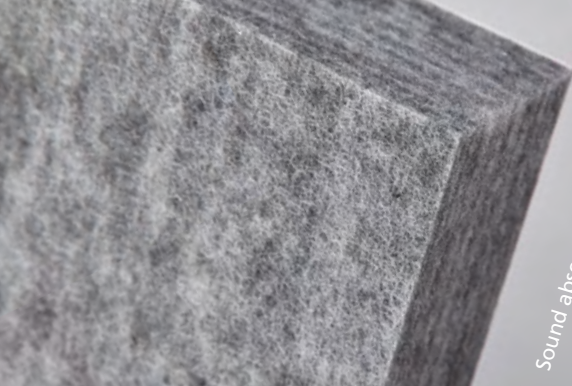
Material	100 % Polyester [PET]
Thickness	40 mm **
Weight	2.800 g/m ² **
Dimensions	maximum length: 3.070 mm maximum width: 2.070 mm
Colour	grey mottled, anthracite

* flame retardant (schwer entflammbar)/non-dripping –
other classifications possible on customer request

** other versions on customers request

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Acoustic properties

The measurement results were determined according to DIN EN ISO 354 and classified according to DIN EN ISO 11654.

Thickness [mm]	Wall distance [mm]	α_p Practical sound absorption coefficient						α_w	Absorber classification
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
40	0	0.20	0.60	0.90	1.00	1.00	1.00	0.90	A
40	24	0.25	0.70	1.00	1.00	1.00	1.00	1.00	A
40	200	0.55	0.95	1.00	1.00	1.00	1.00	1.00	A