

## Product information

### bluefiber pad 50

Item number	01501
Type of nonwoven	Sound-absorbing acoustic pad made of polyester, thermally bonded, without chemical binders. Smoothed surface.
Fiber composition	100% Polyester
Thickness	50 mm
Color	white
Basis weight	2500 g/m <sup>2</sup>
Standard format	1,25 m x 2,48 m
Packaging unit	box
Quantity per unit	22 pads

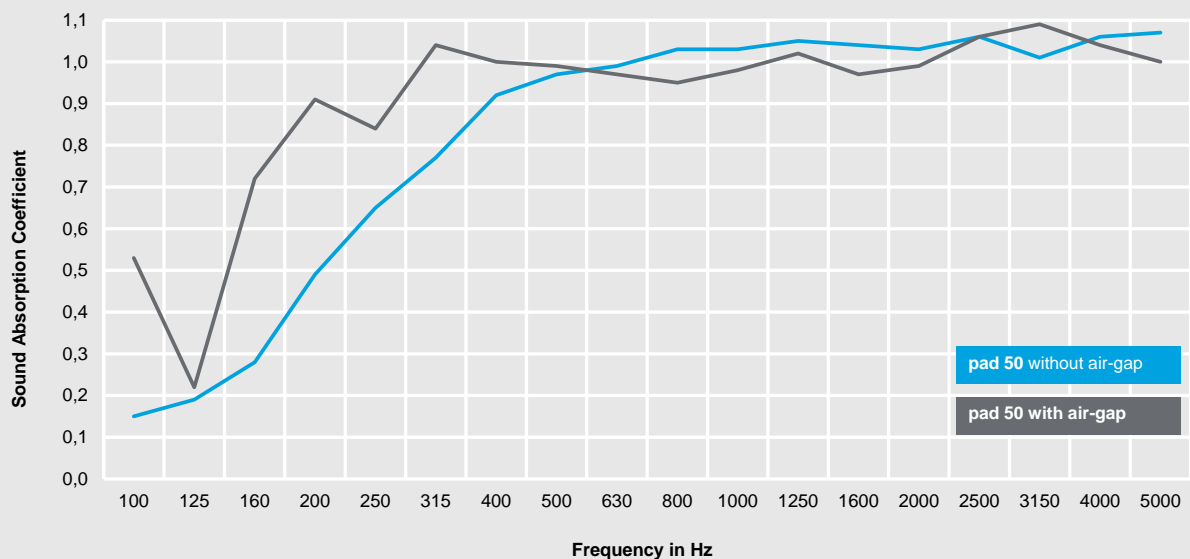
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	without air-gap to the reverberation room floor	200 mm air-gap to the reverberation room floor
Weighted sound absorption coefficient DIN EN ISO 11654	A   $\alpha_w = 0,95$	A   $\alpha_w = 1$
NRC ASTM C423	0,90	0,95
SAA ASTM C423	0,92	0,98

Specific flow resistance DIN EN ISO 9053-1	863 Pa s/m
Length-related flow resistance DIN EN ISO 9053-1	17,3 kPa s/m²

## Sound absorption in the reverberation room according to DIN EN ISO 354



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Flame resistance\*  
DIN EN 13501-1

B-s2, d0

Flame resistance\*  
ASTM E84

Class 1 / Class A

Emissions  
DIN EN 16516

German  
AgBB (2021)

✓

French  
VOC class A+

✓

Belgian  
VOC-regulation

✓

Resistance against fungi & bacteria  
DIN EN ISO 846 – procedures A and C

inert to fungal and bacterial growth

Thermal resistance (R) (10 °C)  
tested in accordance with DIN EN 12667

1,50 m² K/W

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Light reflectance value (at standard illuminant D65)  
BS 8493

82,2 %

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Gloss level GU  
DIN EN ISO 2813

1,7

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Color fastness to artificial light  
DIN EN ISO 105-B02

grade  $\geq$  6

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This information is provided in good faith but Sandler cannot guarantee its accuracy or completeness. The end user is advised to evaluate the product and use it only in compliance with all applicable laws and regulations. Packaging/delivery quantities differing from standard might cause a decrease in thickness. The above mentioned data refer to developmental product and may be changed without prior notice.

\* In compliance with the applicable classification report.

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