



Acoustic panels for walls and ceilings

# PRODUCT INFORMATION

LAMINATE PANELS

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 Veneer	 Core	 Felt	 Dimensions	 m <sup>2</sup>	 Weight
Laminate Concrete Grey			20 x 600 x 2400 mm	1,44	8,4 kg
Laminate Concrete Grey			20 x 600 x 3000 mm	1,8	10,5 kg

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## Products that fit the panel:

- Screws 4,5 x 45 mm. black
- Glue: 290ml. mounting glue
- Finishing slats

All our panels are made from FSC-certified wood and veneer.



Miljømerket for  
eneværdigt skovbrug





Concrete Grey



# Panel mounting



Figure 1:

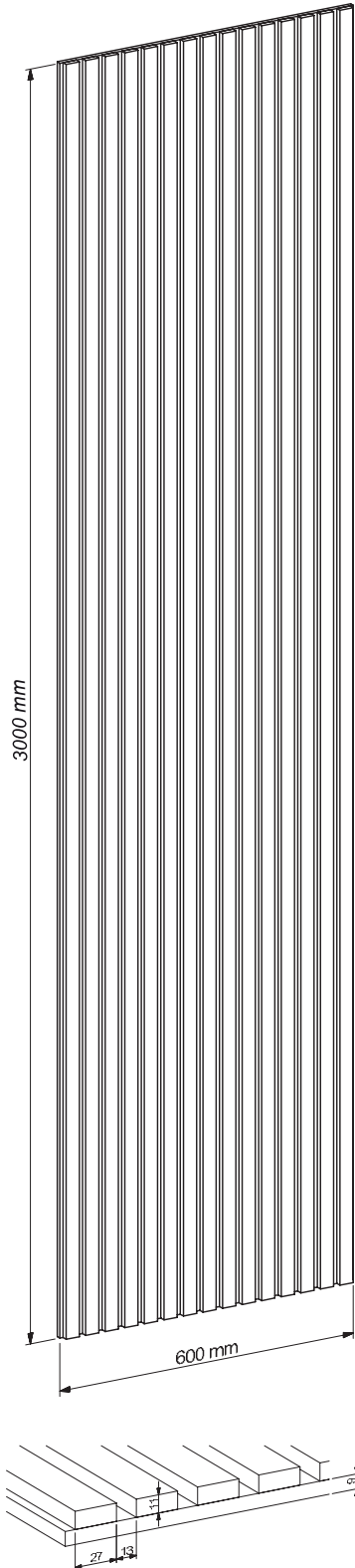
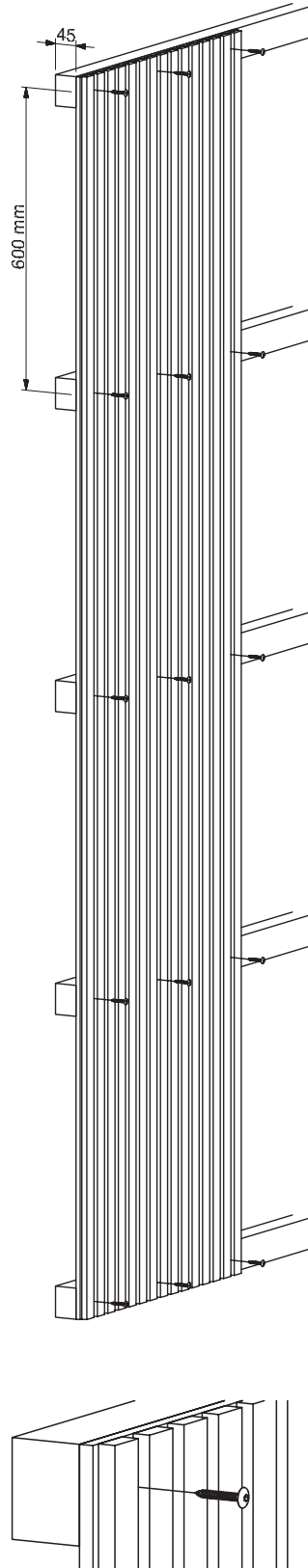


Figure 2:



# Measurement of sound-absorption

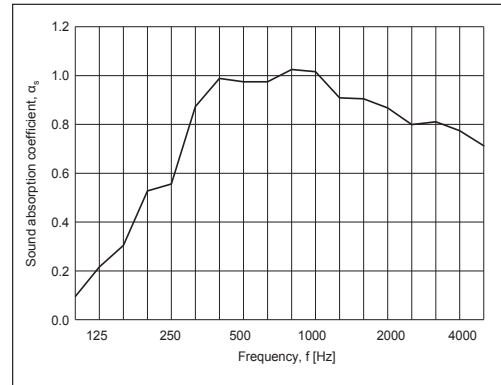
Measurement of sound absorption coefficient acc. DS/EN ISO 354:2003

**Figure 3:**

Mounting: Spacing 45mm behind panels.  
Closed frame around edges.

Test Area 10.8 m<sup>2</sup> Sab  
Room volume 215 m<sup>3</sup>  
Room surface area 305 m<sup>3</sup>

Frequency [Hz]	$\alpha_s$
100	0.09
125	0.22
160	0.30
200	0.53
250	0.56
315	0.87
400	0.99
500	0.97
630	0.97
800	1.02
1k	1.02
1.25k	0.91
1.6k	0.90
2k	0.87
2.5k	0.80
3.15k	0.81
4k	0.77
5k	0.71

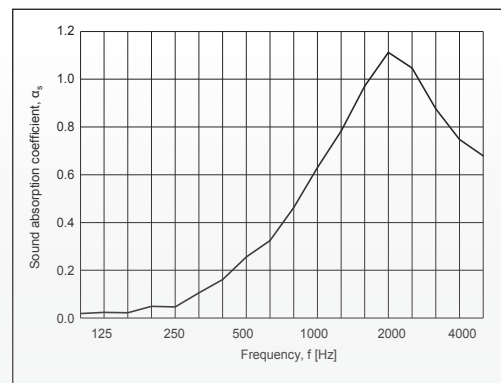


**Figure 4:**

Mounting: The 11 panels were laid out flat on the concrete floor in the reverberation test room.  
Closed frame around edges.

Test Area 10.8 m<sup>2</sup> Sab  
Room volume 215 m<sup>3</sup>  
Room surface area 305 m<sup>3</sup>

Frequency [Hz]	$\alpha_s$
100	0.02
125	0.02
160	0.02
200	0.05
250	0.05
315	0.11
400	0.16
500	0.26
630	0.32
800	0.46
1k	0.63
1.25k	0.78
1.6k	0.97
2k	1.11
2.5k	1.05
3.15k	0.88
4k	0.75
5k	0.68



**Tests:**

Formaldehyde test: Danish Technological Institute  
Indoor climate test: Danish Technological Institute  
Sound Absorption test: Danish Technological Institute





### Contact information

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