

## ACOUSTIC PANEL

### TECHNICAL DATA SHEET

March 2022

The Acoustic Panel ensures excellent sound performance and is the ideal choice for controlling the reverberation time in any space that requires better acoustics. Just pick the panel frame type, filling, fabric and size of your choice and have them fit right in. Great for schools, offices, congress halls, recording studios and so much more.

## ACOUSTIC FILLING: MELAMINE FOAM

A lightweight, open-cell foam with excellent sound-absorbing qualities. Depending on the chosen thickness, you can optimize medium to high frequencies. Mount it directly onto walls and ceilings or use it in combination with Print-Frame panels.

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» <b>ARTICLE CODE</b>	» <b>WIDTH</b>	» <b>LENGTH</b>	» <b>THICKNESS</b>
8185 4107 0200	125 cm	250 cm	2 cm
8185 4107 0400	125 cm	250 cm	4 cm
» <b>WEIGHT</b>	» <b>COMPOSITION</b>		
9 kg/m <sup>3</sup>	100% Melamine resin foam		

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» **FLAME RESISTANCE**  
EN 13501-1 / C-s2,d0

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» **AVAILABLE COLOURS**



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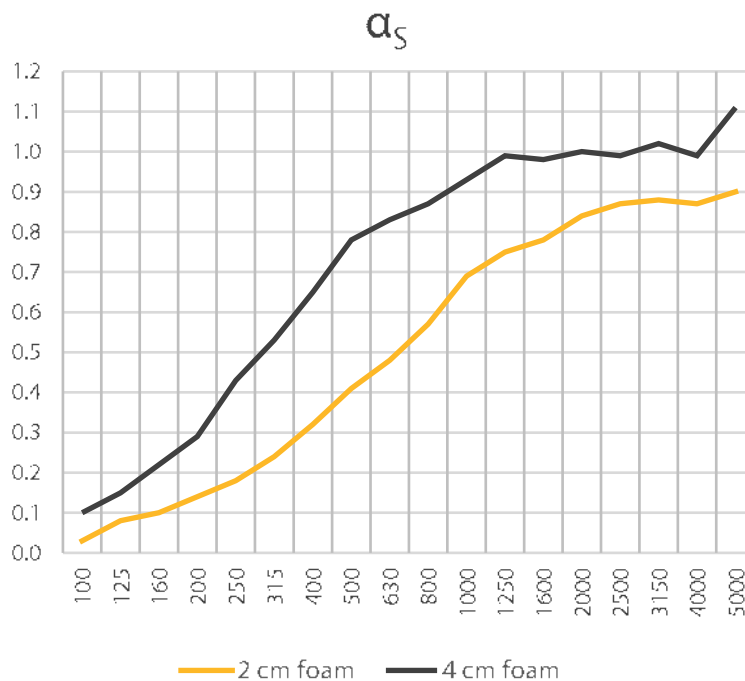
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#### » SOUND ABSORPTION ACCORDING TO EN ISO 354

Sample place directly on the floor



f(Hz)	2cm	4cm
100	0,03	0,10
125	0,08	0,15
160	0,10	0,22
200	0,14	0,29
250	0,18	0,43
315	0,24	0,53
400	0,32	0,65
500	0,41	0,78
630	0,48	0,83
800	0,57	0,87
1000	0,69	0,93
1250	0,75	0,99
1600	0,78	0,98
2000	0,84	1,00
2500	0,87	0,99
3150	0,88	1,02
4000	0,87	0,99
5000	0,90	1,11
ISO 11654	$\alpha_w$ {MH}	$\alpha_w$ {MH}