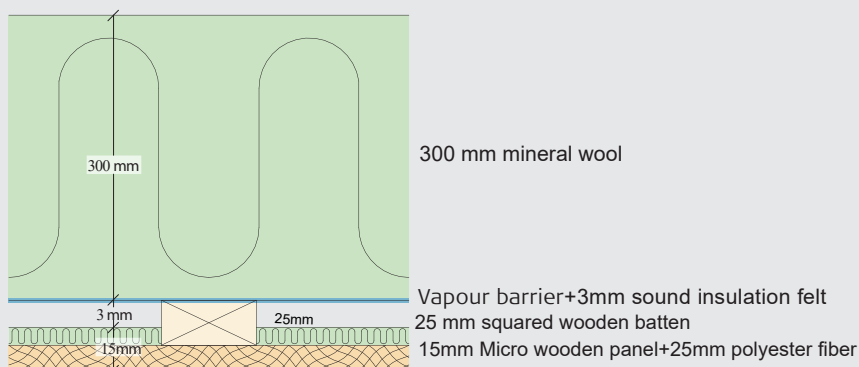


Micro Wooden_Wall

Sound absorption measurements for
1mm hole Micro Wooden Panel 15mm with 25mm polyester
fiber installed on 25 mm squared wooden, 3mm Sound
insulation felt.vapour barrier plus 300 mm mineral wool

VERTICAL SCHEMATIC DIAGRAM



SOUND ABSORPTION MEASUREMENTS

Measurement of the
sound absorption coeffi-
cients were carried out
using the reverberation
room method.

The measurements are
carried out by Kus
Acoustics.

Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
α	0,56	0,80	0,74	0,69	0,86	0,96	0,96	1,02	0,99	1,05	1,10	1,12	1,00	0,98	0,95	0,94	0,94	1,05

$\alpha_w = 1,00$ - NRC = 0,95 - Absorption class A.

Absorption coefficient α

