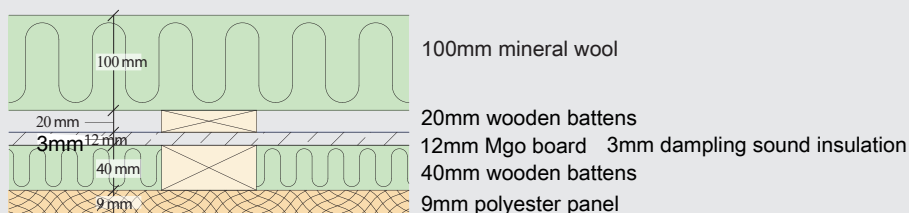


Cinema_PET Wall



Sound absorption measurements for
 9mm polyester fiber panel, installed on
 40 mm squared wooden battens
 3mm damping sound insulation felt with 12 mm Mgo board
 20 mm wooden battens plus 100 mm mineral wool

VERTICAL SCHEMATIC DIAGRAM



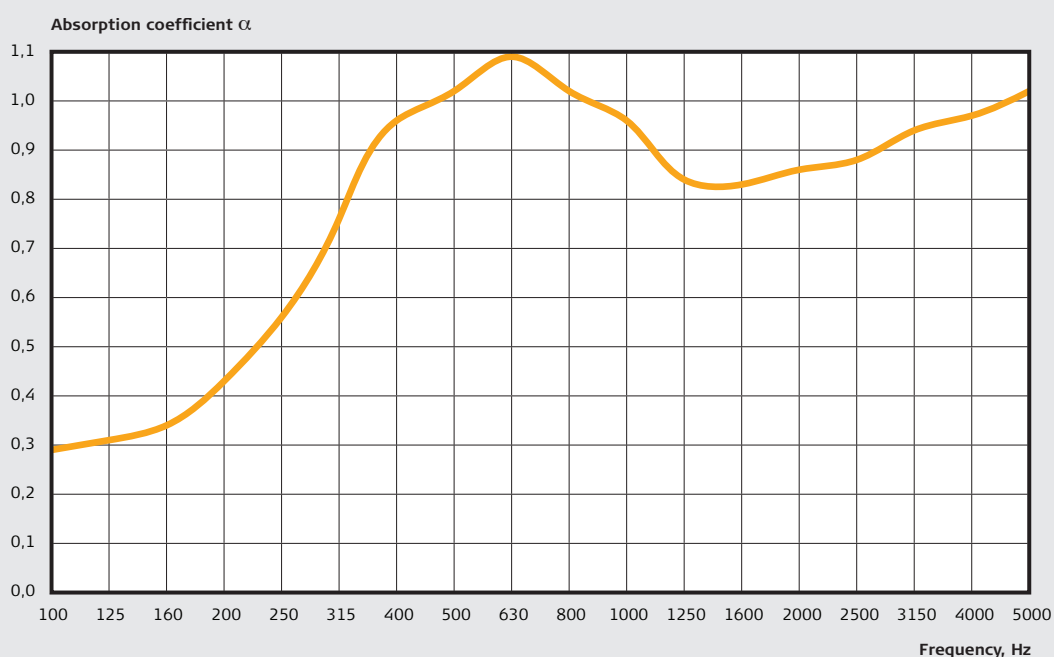
SOUND ABSORPTION MEASUREMENTS

Measurement of the sound absorption coefficients 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	0,29	0,31	0,34	0,43	0,56	0,76	0,96	1,02	1,09	1,02	0,96	0,84	0,83	0,86	0,88	0,94	0,97	1,02

$\alpha_w = 0,85$ - NRC = 0,85 - Absorption class B.



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