

Sound absorbing panels - Sound insulation value 35 dB

Panels Aluminium/HDF

Construction:	1,5 mm Aluminium	(EN AW-1050A-GSB approved powder coating of aluminium surface)
	Insulation - Polystyrene	(Appr. 33 kg/m ³ - heat conductivity: 0,035 W/mK)
	4,5 mm Bitumen (BF43)	(Appr. 1850 kg/m ³ - heat conductivity: Not included)
	Insulation - Polystyrene	(Appr. 33 kg/m ³ - heat conductivity: 0,035 W/mK)
	4 mm HDF	(Appr.970 kg/m ³ - heat conductivity: 0,13 W/mK)

U-Value:

U-Value - W/m ² K									
32 mm	43 mm	48 mm	52 mm	54 mm					
1,16	0,84	0,75	0,69	0,66					

Heat conductivity is calculated on the basis of the practical heat conductivity of each included material - taken from data sheets and DS418, version 6, 2002. Also relating to EN 12524.

Weight:

Weight appr. Kg./m ²									
32 mm	43 mm	48 mm	52 mm	54 mm					
17,0	17,3	17,5	17,6	17,7					

Sound reduction:

Weighted sound reduction - R _w (C; C _{tr})= 35 (-1; -4) dB									
All thicknesses									
35									

Weighted sound reduction index in accordance with PN-EN ISO 717-1:2013

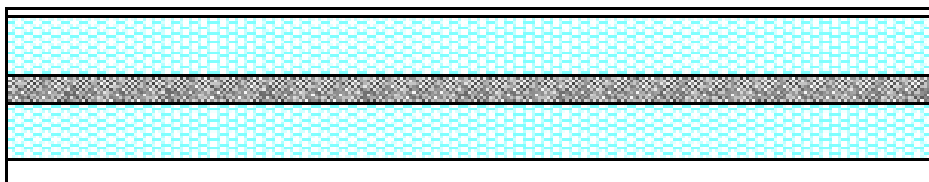
Measure:

Min.: 120 x 250 mm - Max.: 1200 x 2400 mm

Tolerances:

Width/Height: +/- 1 mm - Diagonal: +/- 1,5 mm - Thickness: +/- 0,8 mm

Section drawing:



Made: 29.03.16	Data sheet: PMN	Draw.: HMN
Revised:	Data sheet: PMN	Draw.:

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