

Sound absorbing panels - Sound insulation value 39 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)
	9 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	48 mm						
	1,40	0,84						

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	48 mm						
	25,2	25,7						

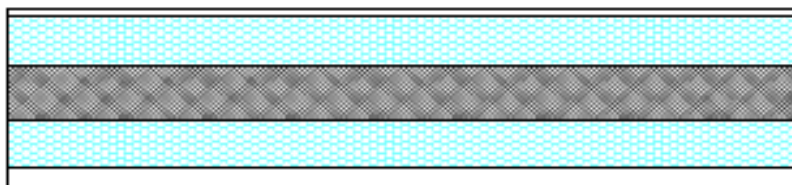
Sound reduction:	Weighted sound reduction - R _w (C; C _{tr})= 39 (-1; -4) dB							
	All thicknesses							
	39							

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: 24.08.15	Data sheet: PMN	Draw.: HMN
Revised: 05.11.23	Data sheet: OLN	Draw.: OLN

O.H.Industri A/S
Smedevej 17
DK - 7430 Ikast
+45 9725 1200
www.ohindustri.com