

## Sound absorbing panels - Sound insulation value 39 dB

### Panels HPL/HPL

<b>Construction:</b>	4 mm Compact laminate	( Appr.1350 kg/m <sup>3</sup> - heat conductivity: 0,25 W/mK )
	Insulation - Polystyrene	( Appr. 33 kg/m <sup>3</sup> - heat conductivity: 0,035 W/mK )
	9 mm Bitumen (BF43)	( Appr. 1850 kg/m <sup>3</sup> - heat conductivity: Not included )
	Insulation - Polystyrene	( Appr. 33 kg/m <sup>3</sup> - heat conductivity: 0,035 W/mK )
	4 mm Compact laminate	( Appr.1350 kg/m <sup>3</sup> - heat conductivity: 0,25 W/mK )

**U-Value:**

U-Value - W/m <sup>2</sup> K									
32 mm	43 mm	48 mm	52 mm	54 mm					
1,55	1,03	0,90	0,81	0,78					

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 <sup>2</sup>									
32 mm	43 mm	48 mm	52 mm	54 mm					
28,0	28,3	28,5	28,6	28,7					

**Sound reduction:**

Weighted sound reduction - R <sub>w</sub> (C; C <sub>tr</sub> )= 39 (-1; -4) dB									
All thicknesses									
39									

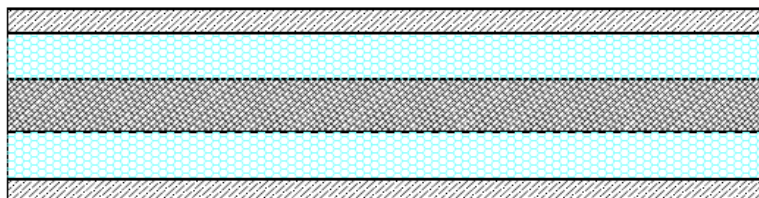
**Measure:**

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

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