

Sound absorbing panels - Sound insulation value 39 dB

Panels ALU/ALU

Facing: 1,5 mm aluminium

Core: Polystyrene / 9 mm Bitumen (BF43) / Polystyrene

U-Value:

| U-Value - W/m ² K | | | | | | | | | |
|------------------------------|-------|--|--|--|--|--|--|--|--|
| 32 mm | 48 mm | | | | | | | | |
| 1,32 | 0,80 | | | | | | | | |

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 and EN 10077-2.

Weight:

| Weight appr. Kg./m ² | | | | | | | | | |
|---------------------------------|-------|--|--|--|--|--|--|--|--|
| 32 mm | 48 mm | | | | | | | | |
| 25,4 | 25,9 | | | | | | | | |

Sound reduction:

| Weighted sound reduction - Rw (C; Ctr)= 39 (-1; -4) dB | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| All thicknesses | | | | | | | | | |
| 39 | | | | | | | | | |

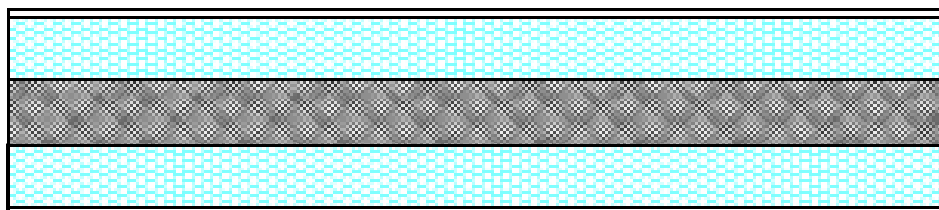
Measure:

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

Tolerances:

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

Section drawing:



| | | |
|---------------------|-----------------|------------|
| Made: 26.04.2021 | Data sheet: OLN | Draw.: CRS |
| Revised: 05.11.2023 | Data sheet: OLN | Draw.: CRS |