

## Sound absorbing panels - Sound insulation value 39 dB

Panels ALU/HDF

**Facing:** Outside: 1,5 mm alu, powder coated  
Inside: 4,0 mm HDF

**Core:** XPS / 9 mm Bitumen (BF43) / XPS

**U-Value:**

U-Value - W/m <sup>2</sup> K									
32 mm*			48 mm						
1,45			0,81						

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 <sup>2</sup>									
32 mm*			48 mm						
27,1			25,2						

**Sound reduction:**

Weighted sound reduction - Rw (C; Ctr)= 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.: 1280x2100 mm / 1050x2580 mm

### Tolerances

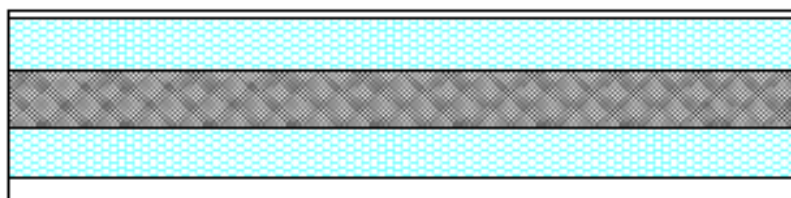
Panel: Width/Height: +/- 1 mm - Diagonal: +/- 1,5 mm - Thickness: +/- 0,8 mm

Facing: Measurements on facing is before final sanding

Core: Inserts: +/- 1 mm on plywood

**Section drawing:**

\* 32mm panel has 2,5mm HDF under the alu layer



Made: 26.03.2020	Data sheet: CRS	Draw.: CRS
Revised: 15.01.2025	Data sheet: OLN	Draw.: CRS