

Perforated sheet

Description

Perforated sheets are our solution to cover insulation material and to use as counter plates in anti-drumming paste.



Less weight
More possibilities

Weight reduction

This lightweight damped cladding material reduces the total added weight of the structure born noise damping system with approx. 100%. In case of a 3 mm aluminium substrate, the reduction will be about 3,3 kg per square m² of damped material.



Less noise
More comfort

Damping or decorative

When perforated plates are used as anti-drumming material, the damping results will be the same as by using fully closed metals. The big advance of using perforated materials is the lower change of enclosed air bubbles and a reduction of weight.

Using perforated sheets to cover mineral wool, the absorption grade of the wool will be more effective. This is because of the so-called Helmholtz principle.

Perforated sheets can be used as a decorative design for architects. The wide range of hole sizes, shapes and pitch sizes creates and endless possibilities for designing your surface.



Less Work
More results

Quick and Easy

Perforated plates can be processed as regular metals. Welding, bending, cutting and coating can be done as used on standard metals.



Less vibrations
More Layers

Material

Perforated plates can be produced in all qualities of aluminium, steel or Stainless steel.

Aluminium Sandwich properties

Material	EN AW 5754 H111. or Dx51D + Z275
Dimension	2.000 x 1.000 mm. 2.500 x 2.500 mm. Other dimensions on request.
Thickness	Standard 1,0, 1,5 and 2,0 mm, other thicknesses on request.
perforation	Standard perforation R5/T5 and C3/U10. other perforations on request.
Environment	Fully recyclable.
Coating	Powder coating in RAL colours on request.
outsirt	On length closed, on width open or closed.



Less products –
more applications

Applications:

Aluminium (1,0 mm. each)

- ceilings
- walls
- Anti drumming
- decorative
- and many more