

Acoustic elements that are picture perfect

Wallboard

Good acoustic conditions are important for a high quality of life. They help create an agreeable work environment and improve communication. This is true for all kinds of spaces - including private residences. If living or working areas are not equipped with sufficient sound absorbing surfaces, communication becomes taxing. OWA offers a solution for just that situation: OWAacoustic® premium Wallboards with broad band or low frequency absorption are acoustic elements that can be customized according to the room's requirements. This product complements our acoustic ceiling product range and allows for acoustic adjustments on the horizontal surface.



Dimensions	Wallboard 1: 1274 x 649 mm Wallboard 2: 1794 x 649 mm Wallboard 3: 1794 x 909 mm
Thickness	Approx. 90 mm
Aluminium frame	Anodised, E6/EV1
Detail	<ul style="list-style-type: none"> - distinctive finished framework - frame corners mitred - pre-drilled for easy wall mounting
Front face options	<ul style="list-style-type: none"> - perforated aluminium panels with square or round holes and acoustic fleece backing - un-perforated aluminium panels - OWAacoustic® premium mineral tiles fleece-covered white, e.g. Creaprinted surface
Back surface	HDF panel
Absorption characteristic	Broad band and low frequency absorbers

Optimum acoustics:

Solutions for all frequencies

The particular acoustic situation in an area must first be defined by an ‘in depth’ investigation of the frequency dependent reverberation times. On this basis we will propose solutions to solve the problem. **Depending on the situation, we will propose utilization of either all-frequency absorbing units or absorbers specifically for low frequencies.**

The use of broad band or low frequency absorbers depend on the space utilization. Our department OWAconsult® will be happy to assist you with finding the absorber that is right for your specific situation.

Why use the walls - are acoustic ceilings not good enough? Yes, they usually are, but even in the many cases where areas are equipped solely with an OWAacoustic® premium ceiling, the clear acoustic improvement will be in the vertical area of activity – no surface is better suited for soundabsorbing measures than a flat ceiling. However, with the additional use of individual absorption surfaces on the wall areas benefits are also gained in the horizontal acoustic field – an important contribution to acoustic optimisation.

Optimisation in the horizontal acoustic field

A good example of beneficial use is in buildings with plastered concrete slab soffits with integrated cooling and heat management systems. In such situations acoustic ceilings cannot be installed full flat but it is a simple task to install wall absorbers.

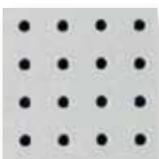
Acoustic and aesthetic

These elegant acoustic units provide many interesting design options due to the different available surfaces:

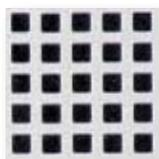
- perforated aluminium panels with square or round holes and acoustic fleece backing
- OWAacoustic® premium mineral tiles with decorative acoustic fleece facings e.g. Creaprinted surface
- wood-effect
- un-perforated aluminium panels

Installation: always on the wall

Wall installation is as easy as hanging a picture. Elements can be mounted vertically or horizontally.



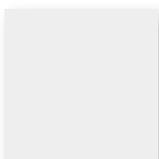
Aluminium RH anodised



Aluminium SH anodised



Aluminium anodised



Acoustic fleece white



Acoustic fleece Creaprint