



## COMPwood

### Aluminium lightweight panel

COMPwood are aluminium lightweight panels with real wood veneered surface. They are designed as system-independent, decorative ceiling and wall claddings of natural character. The product version COMPwood acoustic with a microperforated surface also contributes to effective room acoustic regulation. Thanks to their low weight, high rigidity and minimal deflection, these elements are perfect for large-format and curved applications. The panels are manufactured individually for each project and pre-assembled in the factory.

- stable aluminium sandwich panel
- all timber types possible
- individual design due to diverse joining technology
- low weight per unit area ca. 5.5 kg/m<sup>2</sup>
- grand formats without sagging
- high dimensional stability and flatness

#### datasheet.headline.einsatzgebiete.title

**Work:** Common Rooms, Facilities for Meetings, Conventions and Conferences, Stage and Studio Rooms, Office buildings, Data Centres, Broadcasting Rooms, Television Studios, Utility Rooms, Assembly Rooms

**Education:** Library Rooms, School of Higher Education, Schools, Teaching, Class and Educational Rooms

**Businesses, Recreation and Culture:** Banks, Shopping Centres, Cinemas and Theatres, Concert Halls, Museums, Stadiums, Sales Areas, Places of Assembly

**Healthcare:** Pharmacies (Production), Clinics and Hospitals

**Public Institutions:** Court Houses, Government Buildings

**Industry:** Production Facilities

**Transport:** Airports

**Public Areas:** Entrance Areas

**Residential**

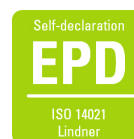
#### datasheet.headline.technischeAnforderungen.title

**Design:** Aluminium, Wood, Perforation

**Sustainability:** Environmental Product Declaration

**Hygiene:** Wipeable

**Acoustics:** Room Acoustics





## Technical Details

Climate area	10 - 35 °C
Density of the honeycomb	56 - 59 kg/m <sup>3</sup>
Acoustic design	Acoustic fleece, Microperforation
Carrier panel	Aluminium honeycomb, Aluminium board
Edge design (panels)	ABS edge, Veneer edge

## Dimensions

Panel thickness	14 mm
Panel weight	5,50 kg/m <sup>2</sup>
Length	2 550 mm
Width	1 200 mm

## Acoustics

### objectbrick.Akustik.Raumakustik.title

Evaluated sound absorption coefficient	DIN EN ISO 354	$\alpha_w$	0,75
Sound absorption class	DIN EN ISO 11654		C

## Fire protection

### objectbrick.Brandschutz.Baustoffklasse.title

Zusatztext	of the composite panel		
Building material class	DIN EN 13501-1	E	
Designation by the building authorities	DIN 4102-1	normal combustible	

## Surfaces

Surfaces	real wood veneer
Perforations	Rg 0,7-4

## Sustainability

### Indicators

Recycling component	Aluminiumplatine	75 %
Aluminiumwabe	60 %	



deklarationen\_und\_nachweise

Product

Sustainable

Additional equipment

Acoustic inlays	Acustica - Acoustic fabric inlay
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