



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/m²
- 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

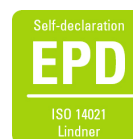
datasheet.headline.technischeAnforderungen.title

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 ³
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 ²
Length	2 550 mm
Width	1 200 mm

Acoustics

objectbrick.Akustik.Raumakustik.title

Evaluated sound absorption coefficient	DIN EN ISO 354	α_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	Aluminiumplatte	75 %
Aluminiumwabe	60 %	



deklarationen_und_nachweise

Product

Sustainable**Additional equipment**

Acoustic inlays

Acustica - Acoustic fabric inlay

Acoustic inlays

Acustica - Acoustic fabric inlay
Insula - Mineral wool inlay in acoustic foil