



COMPwood

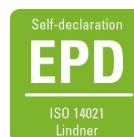
Aluminium lightweight panel

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



Areas of application

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

Technical requirements

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

Acoustics

Room acoustics

DIN EN ISO 11654	DIN EN ISO 11654	C
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Fire protection

Building material

Brandschutz		of the composite panel
Building material class	DIN EN 13501 1	E
DIN 4102-1 Bauaufsichtliche Benennung	DIN 4102 1	normal combustible

Surfaces

Surfaces	Real wood veneer
Perforations	Rg 0,7-4

Sustainability

Declarations

Product Self-Declaration	Self-Declaration according to ISO 14021
Sustainable forestry	Our products can be supplied FSC-certified (Chain of custody) and meet all necessary requirements.

Key figures

Recycled content	75 % 60 %
Brandschutz	Aluminiumplatine Aluminiumwabe

Evidence

Green Level Certificate

Basic

Circularity: All components must be reprocessed
Life Cycle Assessment: Life Cycle Assessment according to DIN 14067 (Product Carbon Footprint) on request



Cradle to Cradle Certified®: no C2C Certified® label available