



# COMPprint

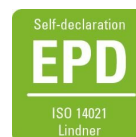
## Aluminium lightweight panel

COMPprint are non-combustible aluminium lightweight panels with a digitally printed surface. They are designed as system-independent, decorative ceiling and wall claddings with individually printed pictures and images.

The product version COMPprint 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
- highquality pictures and graphics gives the uniqueness
- soundabsorbing due to micro-perforation
- low weight per unit area ca. 5.5 kg/m<sup>2</sup>
- grand formats without sagging
- high dimensional stability and flatness
- noncombustible
- easy to install and clean
- system independent
- IMO-certified



### Areas of application

**Work:** Common Rooms, Facilities for Meetings, Conventions and Conferences, Stage and Studio Rooms, Office buildings, 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, Gymnasiums, Stadiums, Sales Areas, Places of Assembly

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

**Hotels and Gastronomy:** Hotels and Resorts

**Industry:** Production Facilities

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

**Ship Fit-out**

**Transport:** Airports

**Public Areas:** Entrance Areas, Escape Routes

**Residential**

### Technical requirements

**Fire Protection:** Fire Behaviour / Building Material Class

**Design:** Aluminium, Digital Print, Perforation

**Sustainability:** Environmental Product Declaration

**Corrosion Protection:** Interiors

**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 board Aluminium honeycomb
Edge design (panels)	ABS edge

## Dimensions

Panel thickness	14 mm
Panel weight	5.50 kg/m <sup>2</sup>

## Acoustics

### Room acoustics

DIN EN ISO 11654	DIN EN ISO 11654	B
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## Fire protection

### Building material

Brandschutz		of the composite panel
Building material class	DIN EN 13501 1	A2 - s1,d0
Designation by building authorities	DIN EN 13501 1	non-combustible

## Surfaces

Perforations	Rd 0,4-3 Rg 0,7-4
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## Sustainability

### Declarations

Product Self-Declaration	Self-Declaration according to ISO 14021
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### Key figures

Recycled content	75 %   60 %   123 %
Brandschutz	Aluminiumplatine   Aluminiumwabe   Test
Indoor air measurement EN 16516	220 µg/m <sup>3</sup>
Formaldehyde emissions options	< 3 µg/m <sup>3</sup>

## Evidence



Indoor Air Comfort	Accomplished
AgBB	Accomplished
BREEAM International	Conform
LEED v4	Conform
DGNB	Conform

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