



## 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 graphpics 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

#### Examples for 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, Higher education institutions and universities, Schools, Teaching, Class and Educational Rooms

**Businesses, Recreation and Culture:** Banks, Shopping Centres, Cinema and multiplex cinemas, Concert Halls, Theatres and Opera Houses, Museums and Exhibitions, Sports Halls and Gymnasiums, Stadiums and arenas, Sales Areas, Places of Assembly

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

**Hotels and Gastronomy:** Hotels and Resorts

**Industry:** Factories and production facilities

**Public Institutions:** Courts and prisons, Government and municipal buildings

**Ship Fit-out**

**Transport:** Airports

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

**Residential building**



#### Technical details

##### 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

### Dimensions

Panel thickness	14 mm
Panel weight	5.50 kg/m <sup>2</sup>
Length (L)	2550 mm
Width (B)	1200 mm

## Acoustics

### Room acoustics

Sound absorber class	ISO 11654	B
Evaluated Sound Absorption Coeff.	ISO 11654	$\alpha_w$ 0.85

## Fire protection

### Building material class

Building material class	of the composite panel
Building material class	A2 - s1,d0
Designation by building authorities	non-combustible

## Surfaces

### Surfaces

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

### Declarations

Emission report	An expert opinion is available for the product with regard to its emission values. The test laboratory is accredited according to ISO 17025 and notified for EN 16516.
French VOC Regulation	Emission class A
Product Self-Declaration	A self-declaration in accordance with ISO 14021 is available. This contains extensive environmental information for planning, tenders and building certifications (LEED, DGNB, EU taxonomy).

### Key figures

Recycled content	75 %   60 %
Building material class	Aluminiumplatine   Aluminiumwabe
Indoor air measurement EN 16516	220 µg/m <sup>3</sup>
Emission of formaldehyde	< 3 µg/m <sup>3</sup>



## Evidence

Indoor Air Comfort	Accomplished
AgBB	Accomplished
BREEAM International	Conform
LEED v4	Conform
DGNB	Conform
	<div style="background-color: #2e6b2e; color: white; padding: 5px; text-align: center;"> <span>High</span>  </div> <p><b>Circularity:</b> All components can be reused/refurbished  <b>Life Cycle Assessment:</b> Life Cycle Assessment according to DIN 14067 (Product Carbon Footprint) on request  <b>Cradle to Cradle Certified®:</b> no C2C Certified® label available</p>
Green Level Certificate	

## Combinable Systems

### Combinable Systems

Doors	T30-2 Typ M-HRT T30-2 Typ M T30-1 Typ I-HRT T30-1 Type H T30-1 Typ I T30-2 Typ L
Partitions	<b>FIREwood</b> - Composite wall cladding
Dry lining	<b>Fireshield</b> - Inspection door I 90 for service shafts

## Applications



