



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
- high quality pictures and graphics gives the uniqueness
- sound absorbing due to micro-perforation
- low weight per unit area ca. 5.5 kg/m²
- 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

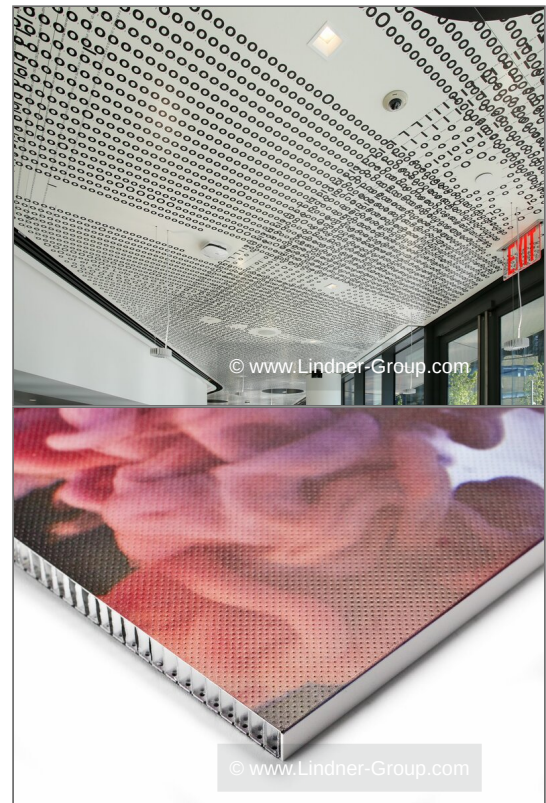
Public Institutions: Courts and prisons, Government and municipal buildings

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 ³
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 ²
Length (L)	2550 mm
Width (B)	1200 mm

Acoustics

Room acoustics

Sound absorber class	ISO 11654		B
Evaluated Sound Absorption Coeff.	ISO 11654	α_w	0.85

Fire protection

Building material class

Building material class		of the composite panel
Building material class	EN 13501-1	A2 - s1,d0
Designation by building authorities	EN 13501-1	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	Aluminiumplatte Aluminiumwabe
Indoor air measurement EN 16516	220 µg/m ³
Formaldehyde emissions	< 3 µg/m ³



Evidence

Indoor Air Comfort	Accomplished
AgBB	Accomplished
BREEM International	Conform
LEED v4	Conform
DGNB	Conform
Green Level Certificate	<div style="background-color: #4CAF50; color: white; padding: 5px; display: inline-block; border-radius: 10px;"> High  </div> <p>Circularity: All components can be reused/ refurbished</p> <p>Life Cycle Assessment: Life Cycle Assessment according to DIN 14067 (Product Carbon Footprint) on request</p> <p>Cradle to Cradle Certified®: no C2C Certified® label available</p>

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	FIREwood - Composite wall cladding
Dry lining	Fireshield - Inspection door I 90 for service shafts

Applications

