



## 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

#### **datasheet.headline.einsatzgebiete.title**

**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**

#### **datasheet.headline.technischeAnforderungen.title**

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

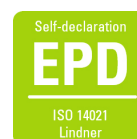
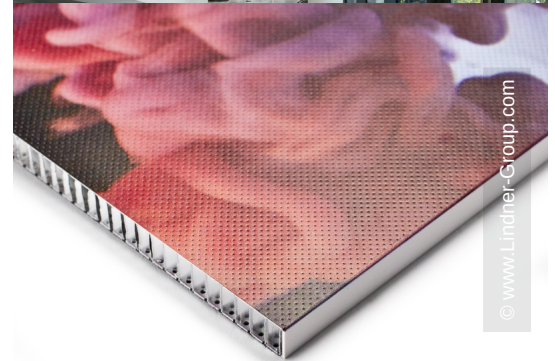
**Design:** Aluminium, Digital Print, Perforation

**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>
Length	2 550 mm
Width	1 200 mm

## Acoustics

### objectbrick.Akustik.Raumakustik.title

Evaluated sound absorption coefficient	DIN EN ISO 354	$\alpha_w$	0,85
Sound absorption class	DIN EN ISO 11654		B

## Fire protection

### objectbrick.Brandschutz.Baustoffklasse.title

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

## Surfaces

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

### Indicators

Recycling component	Aluminiumplatte	75 %
Aluminiumwabe	60 %	
Test	123 %	



innenraumluftmessung	EN16516	220 µg/m <sup>3</sup>
Emission of formaldehyde	< 3 µg/m <sup>3</sup>	

#### Evidence of emission measurements

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

#### deklarationen\_und\_nachweise

##### Product

##### Emission

#### Additional equipment

Acoustic inlays	Acustica - Acoustic fabric inlay
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