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 rigidness 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 grahpics gives the uniqueness
- soundabsorbing 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

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
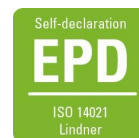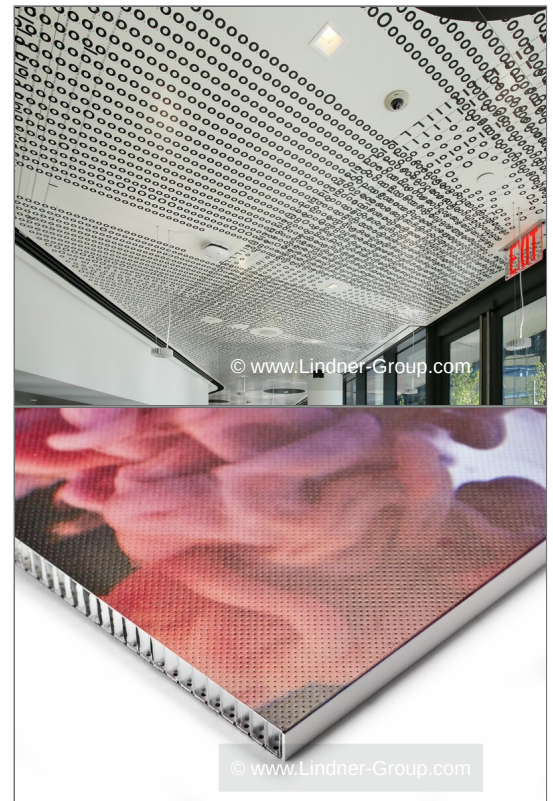
Industry: Production Facilities

Public Institutions: Court Houses, Government Buildings

Ship Fit-out

Transport: Airports

Public Areas: Entrance Areas, Escape Routes

Residential

Technical details

Climate area	10 - 35 °C
density of the honeycomb	56 - 59 kg/m³
Acoustic design	Acoustic fleece Microperforation
Carrier panel	Aluminium board Aluminium honeycomb
Edge design (panels)	ABS edge

Lindner

Dimensions

Panel thickness	14 mm
Panel weight	5.50 kg/m²
Length	2,550 mm
Width	1,200 mm

Acoustics

Room acoustics

DIN EN ISO 11654	DIN EN ISO 11654	B

Building acoustics

product.DIN_EN_ISO_354_aw_bis.name	product.DIN_EN_ISO_354_aw_bis.unit	α_w	0.85 dB

Fire protection

Building material class

Fire protection		of the composite panel
Fire behavior	DIN EN 13501-1	A2 - s1,d0
Designation by building authorities	DIN EN 13501-1	non-combustible

Surfaces

Surfaces

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

Sustainability

Declarations

Product Self-Declaration	Self-Declaration according to ISO 14021

Key figures

Recycled content	75 % | 60 % | 123 %
Fire protection	Aluminiumplatine | Aluminiumwabe | Test
Indoor air measurement EN 16516	220 µg/m³
Formaldehyde emissions	< 3 µg/m³

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