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



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: Libraries, Universities and Higher Education Buildings, Schools, Teaching, Class and Educational Rooms
Businesses, Recreation and Culture: Banks, Shopping Centres, Cinemas and Multiplex Theatres, Concert Halls, Theatres and Opera Houses, Museums and Galleries, 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 Correctional Facilities, Town Halls, Government and Administrative Buildings
Ship Interior 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/m³
Acoustic design	Acoustic fleece Microperforation
Carrier panel	Aluminium board Aluminium honeycomb
Edge Design (Panels)	ABS edge

Rev. 26.1
Interior Fit-Out and Furnishings
Bahnhofstraße 25 | 94424 Arnstorf | Germany
Phone +49 8723 20-3684
E-Mail objektdesign@Lindner-Group.com | www.Lindner-Group.com

We reserve the right to adapt and amend all details and information at any time. We do not accept liability for information that is inadvertently incorrect. Dimensional tolerances are permissible in compliance with the applicable standards. This document is protected by copyright law. Processing, unauthorised use or reproduction and public distribution are not permitted. Reproduction and distribution to third parties are only permitted with our express consent.

Dimensions

Dimensions	
Panel thickness	14 mm
Panel weight	5.50 kg/m²
Length (L)	2,550 mm
Width (B)	1,200 mm

Acoustics

Room Acoustics			
Sound Absorber Class	ISO 11654		B
Evaluated Sound Absorption Coefficient	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

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).

Data	
Recycled Content	75 % | 60 %
Building Material Class	Aluminiumplatine | Aluminiumwabe
Indoor air measurement EN 16516	220 µg/m³
Emission of Formaldehyde	< 3 µg/m³

Interior Fit-Out and Furnishings
Bahnhofstraße 25 | 94424 Arnstorf | Germany
Phone +49 8723 20-3684
E-Mail objektdesign@Lindner-Group.com | www.Lindner-Group.com

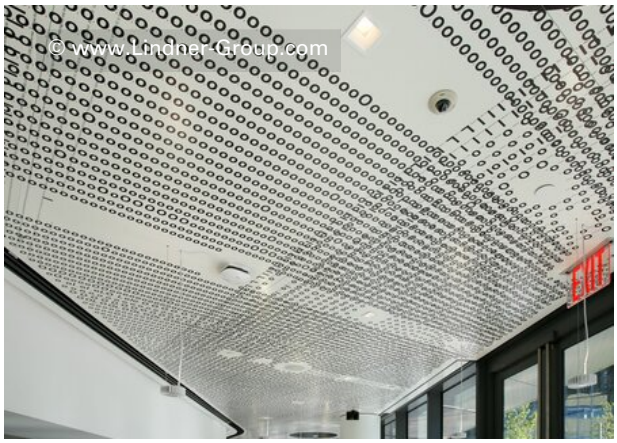
We reserve the right to adapt and amend all details and information at any time. We do not accept liability for information that is inadvertently incorrect. Dimensional tolerances are permissible in compliance with the applicable standards. This document is protected by copyright law. Processing, unauthorised use or reproduction and public distribution are not permitted. Reproduction and distribution to third parties are only permitted with our express consent.

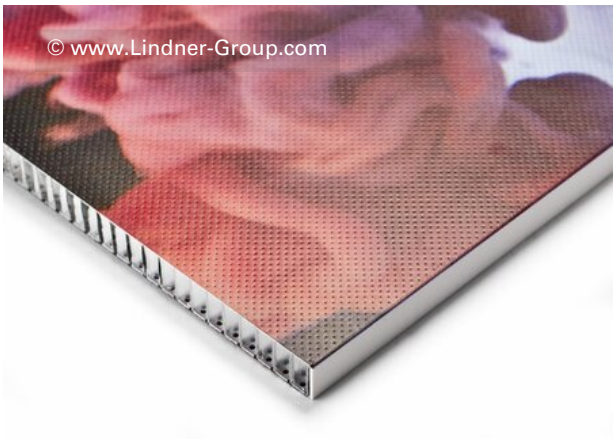
Evidence	
Indoor Air Comfort	Accomplished
AgBB	Accomplished
BREEAM International	Conform
LEED v4	Conform
DGNB	Conform

Combinable Systems

Combinable Systems	
Doors	HRT 68 T30 - Fire protection door HTB 49 T30 - Fire protection door HTB 68 T30 - Fire protection door
Partitions	FIREwood - Composite wall cladding
Dry lining	FIREshield - Inspection door I 90 for service shafts

Applications







Interior Fit-Out and Furnishings
Bahnhofstraße 25 | 94424 Arnstorf | Germany
Phone +49 8723 20-3684
E-Mail objektdesign@Lindner-Group.com | www.Lindner-Group.com

We reserve the right to adapt and amend all details and information at any time. We do not accept liability for information that is inadvertently incorrect. Dimensional tolerances are permissible in compliance with the applicable standards. This document is protected by copyright law. Processing, unauthorised use or reproduction and public distribution are not permitted. Reproduction and distribution to third parties are only permitted with our express consent.