



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/m²
- 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

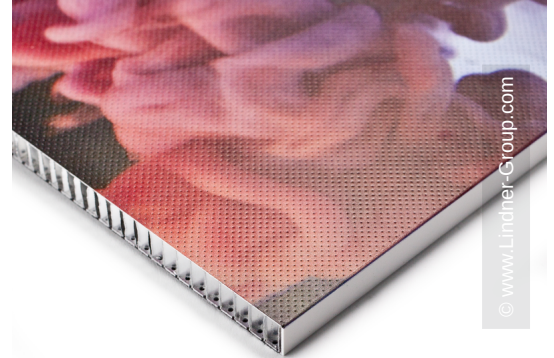
Design: Aluminium, Digital Print, Perforation

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 ³
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 ²
Length	2 550 mm
Width	1 200 mm

Acoustics

objectbrick.Akustik.Raumakustik.title

Evaluated sound absorption coefficient	DIN EN ISO 354	α_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	Aluminiumplatine	75 %
Aluminiumwabe	60 %	
Test	123 %	



innenraumluftmessung	EN16516	220 µg/m³
Emission of formaldehyde	< 3 µg/m³	

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
Acoustic inlays	Acustica - Acoustic fabric inlay Insula - Mineral wool inlay in acoustic foil