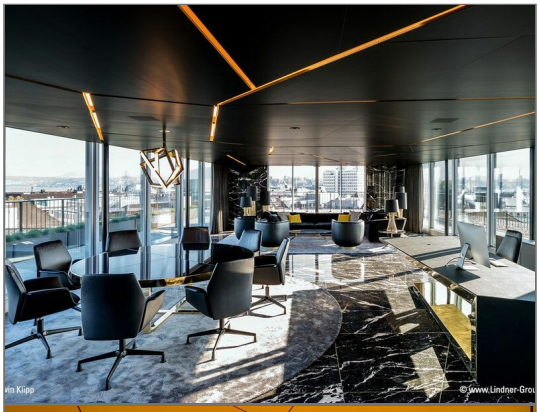
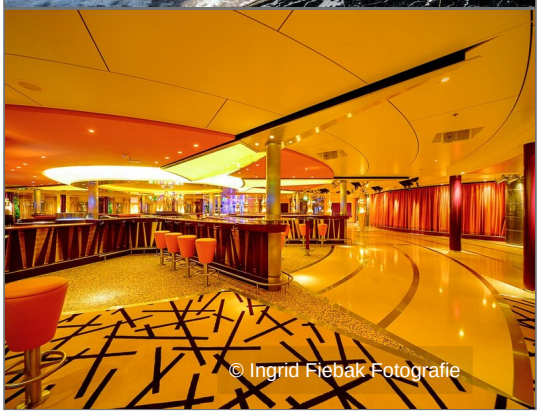
COMPlacq

Aluminium lightweight panel

COMPlacq are non-combustible, lacquered aluminium lightweight panels. They are designed as system-independent, decorative ceiling and wall claddings.
The product version COMPlacq 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 applications.

- stable aluminium sandwich panel
- available in RAL-color shades and other common color systems
- soundabsorbing due to micro-perforation
- low weight per unit area ca. 5.5 kg/m²
- non combustible
- 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, Broadcasting Rooms, Television Studios, Utility Rooms, Assembly Rooms, Administration Buildings, Common Rooms, Facilities for Meetings, Conventions and Conferences, Office Buildings, Data Centres / IT facilities, Assembly Rooms
Education: Research Rooms, Teaching, Class and Educational Rooms, Libraries, Universities and Higher Education Buildings, Schools, Teaching, Class and Educational Rooms
Businesses, Recreation and Culture: Sales Areas, Places of Assembly, 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), Laboratories and Research Facilities, Operating Theatres, Clean rooms (pharmacy and medical technology), Pharmacies (Production), Clinics and Hospitals
Hotels and Gastronomy: Commercial Kitchens, Hotels and Resorts
Public Institutions
Ship Interior Fit-out
Residential building
Industry: Factories and Production Facilities
Transport: Airports
Public Areas: Escape Routes, Entrance Areas



Technical details

Technical Details

Climate area	12 - 30 °C

Interior Fit-Out and Furnishings
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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

Surfaces	Lackiert
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

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Emission of Formaldehyde	< 3 µg/m³

Evidence

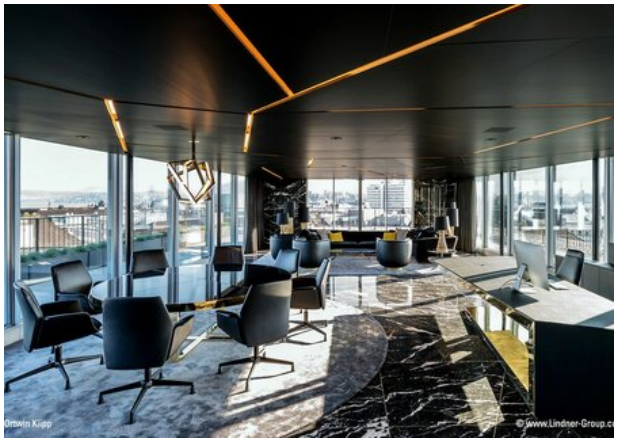
Indoor Air Comfort	Accomplished
AgBB	Accomplished
BREEAM International	Conform
LEED v4	Conform
DGNB	Conform

Combinable Systems

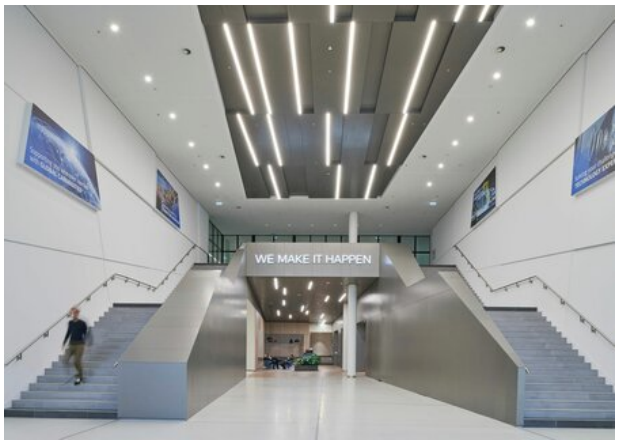
Combinable Systems

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

Applications







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