FIREwood

Composite wall cladding

Sound-absorbing, real-wood-veneered and non-combustible – the calcium sulphate panel FIREwood provides the perfect solution for high-quality wall- and ceiling claddings in rescue and escape routes, necessary corridors, staircases and meeting rooms. The composite material with real wood veneer easily combines real-wood surfaces, fire protection and good acoustics.

- all timber types possible
- individual design due to diverse joining technology
- sound-absorbing due to micro-perforation
- grand formats without sagging
- environmental compatibility
- high level of prefabrication
- rated according to DIN 4102
- available as class A2 (noncombustible) and B1 (flame-resistant)

Examples for areas of application

Public Areas: Entrance Areas, Escape Routes
Public Institutions: Courts and Correctional Facilities, Town Halls, Government and Administrative Buildings
Hotels and Gastronomy: Hotels and Resorts
Businesses, Recreation and Culture: Places of Assembly, Concert Halls, Theatres and Opera Houses
Education: Universities and Higher Education Buildings, Schools
Work: Office Buildings, Assembly Rooms

Technical details

Technical Details	
Climate area	10 - 35 °C
Swelling and shrinkage behavior	max. 0.1 mm/m
Surface soundness	approx. 0.8 N/mm²
Acoustic design	Acoustic fleece Perforation Grooves
Carrier panel	Calcium sulfate Gypsum-fibre
Edge design (panels)	Veneer edge Coloured edge

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

Dimensions

Dimensions	
Panel thickness	19 mm
Panel weight	23 kg/m²
Length (L)	100 - 2,550 mm
Width (B)	100 - 1,220 mm

Acoustics

Room acoustics

Sound absorber class	ISO 11654		C
Evaluated Sound Absorption Coefficient	ISO 11654	α_w	0.65

Fire protection

Building material class

Building material class		of the composite panel
Building material class	EN 13501-1	B - s1,d0
Reaction to fire performance	DIN 4102 1	A2
Designation by the building authorities	DIN 4102 1	non-combustible

Surfaces

Surfaces

Surfaces	Real wood veneer
Perforations	PE 8/8/1.5/3.5-1 LI 14/2.0-1

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).

Key figures

Recycled content	100 %
Building material class	bei der GFT-Platte

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

Indoor air measurement EN 16516 options	< 5 µg/m³
Emission of formaldehyde	< 3 µg/m³

Evidence

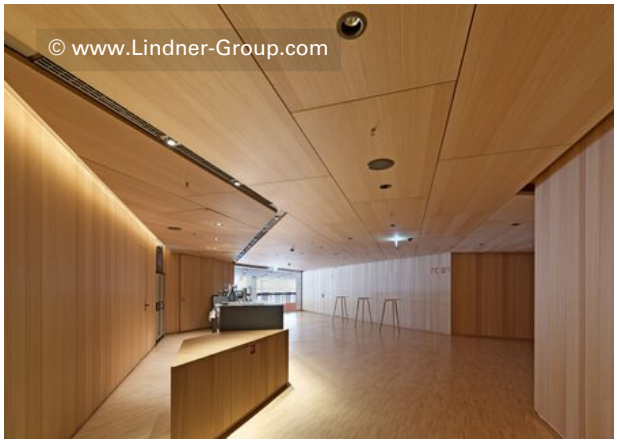
Indoor Air Comfort	Accomplished
Indoor Air Comfort Gold	Accomplished
AgBB	Accomplished
BREEAM International	Conform
LEED v4	Conform
DGNB	Conform
Green Level Certificate	High Circularity: All components can be reused/ refurbished Life Cycle Assessment: Life Cycle Assessment according to DIN 14067 (Product Carbon Footprint) on request Cradle to Cradle Certified®: no C2C Certified® label available

Combinable Systems

Combinable Systems

Doors	T30-2 Typ M-HRT T30-1 Typ I-HRT T30-2 Typ M T30-1 Type H T30-1 Typ I
Partitions	COMPlacq - Aluminium lightweight panel COMPprint - Aluminium lightweight panel
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

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