



LMD-E 200

Hook-On Ceiling

The system LMD-E 200 creates a homogeneous ceiling surface with concealed substructure by means of overlapping Hook-On ceiling panels. This robust and economic construction combines appealing visual with ease of maintenance: the shape and size of the ceiling panels can flexibly be designed according to your wishes. Moreover, the panels can be removed without the need for any tools.

- homogeneous ceiling surface due to concealed substructure
- individual design thanks to flexible panel shapes and sizes
- maintenance option of ceiling panels without tools
- cost-effective ceiling system as economic solution
- hygienic and easy to clean

Examples for areas of application

Businesses, Recreation and Culture: Banks, Stadiums and arenas, Places of Assembly, Shopping Centres, Cinema and multiplex cinemas, Museums and Exhibitions, Public Swimming Pools, Sales Areas

Work: Facilities for Meetings, Conventions and Conferences, Office buildings, Common Rooms, Assembly Rooms

Healthcare: Pharmacies (Production), Clinics and Hospitals, Laboratories and Research Facilities, Operating Theatres, Clean rooms (pharmacy and medical technology)

Education: Library, Research Rooms, Higher education institutions and universities, Schools

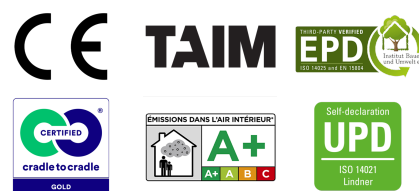
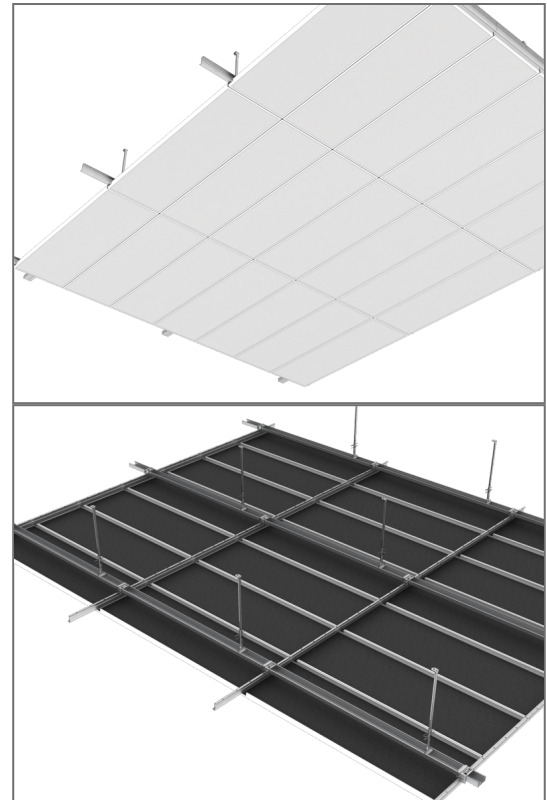
Transport: Train Stations, Airports

Industry: Laboratories and Research Facilities, Factories and production facilities, Clean rooms (electronics and semiconductor technology)

Public Institutions: Courts and prisons, Government and municipal buildings

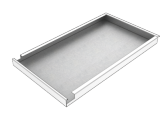
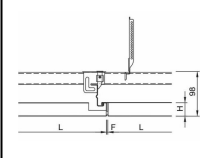
Hotels and Gastronomy: Hotels and Resorts, Commercial Kitchens

Public Areas: Entrance Areas



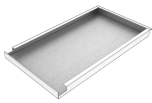
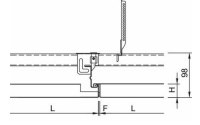
Ceiling elements

LMD-E 200 Typ 2

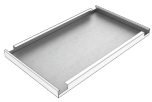
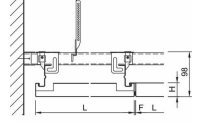
Hook-On/Lay-On		 
Length (L)	250 - 3000 mm	
Width (B)	200 - 1250 mm	
Height (H)	30 mm, 40 mm, 50 mm	
Joint width (F)	Butt joint, 1 mm, 3 mm, 5 mm	

LMD-E 200 Typ 3



Hook-On/Lay-On, self-aligning		 
Length (L)	250 - 3000 mm	
Width (B)	200 - 1250 mm	
Height (H)	30 mm, 40 mm, 50 mm	
Joint width (F)	Butt joint, 1 mm, 3 mm, 5 mm	

LMD-E 200 Typ 4

Hook-On on both sides		 
Length (L)	250 - 3000 mm	
Width (B)	200 - 1250 mm	
Height (H)	30 mm, 40 mm, 50 mm	
Joint width (F)	Butt joint, 1 mm, 3 mm, 5 mm	

Technical details

Technical Details

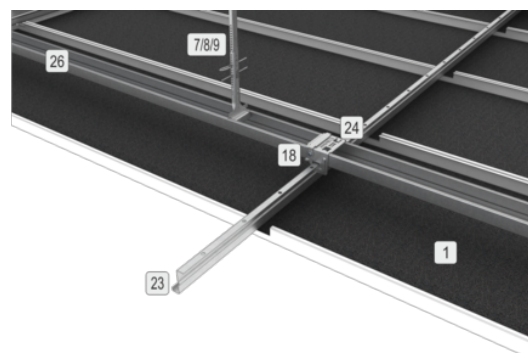
Material	galvanised sheet steel
Serviceability	removable without tools
Possible wall connections	L-angle shadow gap trim open wall connection
Weight	8 - 10 kg/m ²

Notice: Weight without fixtures/installations

Component list

Bauteile

1	ceiling panel
7/8/9	vernier suspension
18	self-tapping screw trapezoidal head
23	Z-hook-on profile 48
24	cross connector for suspension channel 60 to Z-hook-on profile 48
26	suspension channel 60



Acoustics

Room acoustics

Sound absorber class	ISO 11654	E - A
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Noise Reduction Coefficient	ASTM C 423	NRC	0.15 - 0.95
Evaluated Sound Absorption Coeff.	ISO 11654	α_w	0.15 - 1.00

Fire protection

Building material class

Building material class	EN 13501-1	A2 - s1,d0
Building material class	ASTM E 84	class A

Fire stability

Fire stability	NBN 713.020	45 minutes
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Static

Statics

Seismic safety	Qualification according to AC 156/Eurocode/SIA 261
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Durability

Durability

Exposure class	EN 13964	A
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Sustainability

Declarations

EPD (Environmental Product Declaration)	The product has a verified EPD in compliance with the applicable standards. (ISO 14025/EN 15804)
Circular Economy	Cradle to Cradle Certified® Gold
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	24.40 %
Indoor air measurement EN 16516 options	< 5 $\mu\text{g}/\text{m}^3$
Formaldehyde emissions	< 3 $\mu\text{g}/\text{m}^3$

Evidence

Indoor Air Comfort	Accomplished
Indoor Air Comfort Gold	Accomplished
AgBB	Accomplished
BREEAM International	Conform



LEED v4	Conform
DGNB	Conform
Green Level Certificate	<div style="border: 1px solid green; border-radius: 10px; padding: 5px; display: inline-block; background-color: #4CAF50; color: white;"> Outstanding  </div> <p> Circularity: All components can be reused/ refurbished Life Cycle Assessment: EPD according to ISO 14025 and EN 15804 Cradle to Cradle Certified®: C2C Certified® Gold </p>

Surfaces

Surfaces

Powder coatings	COLOURline - Powder Coating MOODline - Powder Coating Deep Matt ARTline - Decorative Powder Coating GRAPHICline - Digital Print
Perforations	BASICline - Standard Perforations REGULARline - Further Perforations SPREADline - Scattered Perforations
Design surfaces	TOUCHdesign Lunar - 3D Hammered
Functional coatings	Meteo - Corrosion Protection Coating Mutex - Acoustic Coating

Additional equipment

Additional equipment

Acoustic inlays	Acustica - Acoustic fabric inlay Insula - Mineral wool inlay in acoustic foil Calma - Glass yarn inlay in textile cover
Ventilation components	AirBox S - Supply air elements AirBox E - Exhaust air elements AirBeam Basic - Standard Heated/Chilled Beam AirBeam Discreet - Discreet Heated/Chilled Beam
Luminaires	IS 17 - Integrated luminaire for general areas IS 22 - Integrated luminaire for monitor workstations IS 450 - Integrated luminaire for office and general areas LK 73 - Light channel QZI - Recessed luminaire for metal ceilings DPL - Integrated luminaire for post cap ceilings
Heating and cooling function	System with integrated heating and cooling technology available: Plafotherm® E 200 - Heated and Chilled Hook-On Ceiling

Certification

Certificates

CE marking	The ceiling system is a harmonised construction product acc. to regulation (EU) No. 305/2011 (Construction Products)
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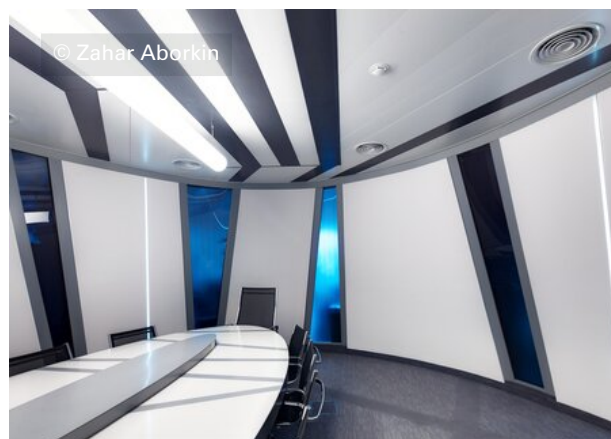
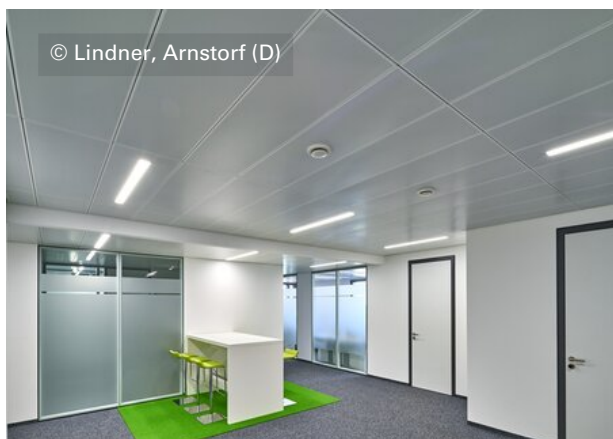


Regulation) and EN 13964: Suspended ceilings - Requirements and test methods.

TAIM e.V.

The ceiling system fulfils the requirements of the "Technical Manual Metal Ceilings" (TMMC) of TAIM e.V. (Association of Industrial Metal Ceiling Manufacturers).

Applications



Project solutions

This product data sheet refers to the standard version of the product mentioned above. We would be happy to work with you to find the right solution for your project. Adapted to your building project, you will receive a perfectly matched system. Project-specific constructions and adaptations can be found in the offer documents.