



LMD-B 110

Post Cap Ceiling with Cross Noggins

This ceiling system with visible linear Post Caps and Cross Noggins offers you the possibility to fasten partitions to Post Caps in both directions. Thanks to the structured ceiling layout, possible future room sizes can be identified. The striking Post Caps of this space-saving ceiling system can be used as design element or for technical installations. Ceiling panels with Swing-Down mechanism are available for areas with increased maintenance demands. To reduce costs, they can also be combined with Lay-In ceiling panels.

- visible Cross Noggins as design elements
- individual room layout thanks to the possibility to fasten partitions to Post Caps in both directions
- Post Caps can be used for technical installations or luminaires
- space-saving ceiling system with low construction height
- easy maintenance option due to ceiling panels that can be individually operated, swung down and slid
- possible future room sizes can be identified
- hygienic and easy to clean

Examples for areas of application

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

Businesses, Recreation and Culture: Banks, Places of Assembly, Cinema and multiplex cinemas, Stadiums and arenas

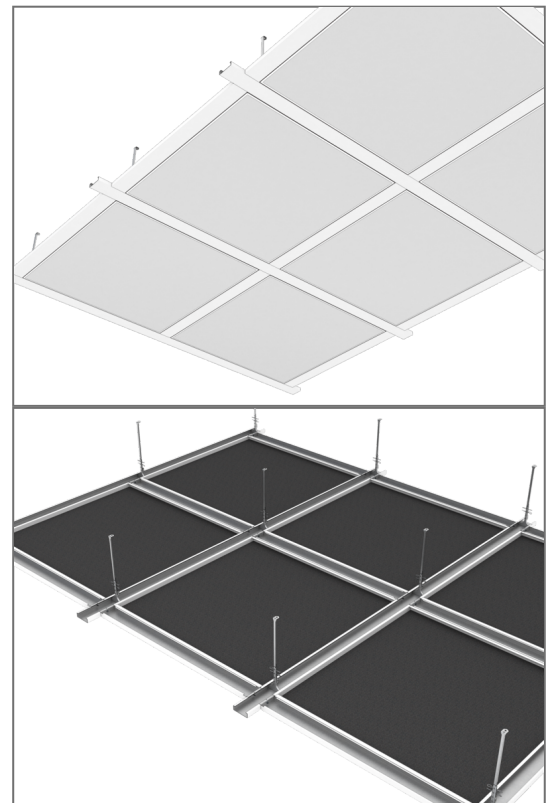
Public Institutions: Courts and prisons, Government and municipal buildings

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

Transport: Train Stations, Airports

Hotels and Gastronomy: Gastronomy, Hotels and Resorts

Industry: Factories and production facilities



TAIM



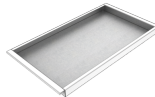
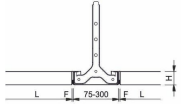
Ceiling elements

LMD-B 110 Typ 1

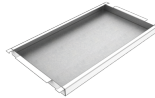
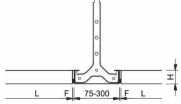
Lay-In			
Length (L)	250 - 3300 mm		
Width (B)	200 - 1250 mm		
Height (H)	30 mm, 40 mm, 50 mm		
Joint width (F)	Butt joint, 1 mm, 3 mm, 5 mm		

LMD-B 110 Typ 2


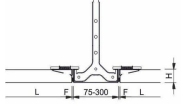


Lay-In with Hook-On edge		 	
Length (L)	250 - 3300 mm		
Width (B)	200 - 1250 mm		
Height (H)	30 mm, 40 mm, 50 mm		
Joint width (F)	Butt joint, 1 mm, 3 mm, 5 mm		


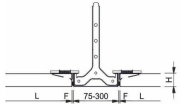
LMD-B 110 Typ 3

Lay-In with Hook-On notch		 	
Length (L)	250 - 3300 mm		
Width (B)	200 - 1250 mm		
Height (H)	30 mm, 40 mm, 50 mm		
Joint width (F)	3 mm		

LMD-B 110 Typ 4

Lay-In, Swing-Down and slide option on longitudinal side		 	
Length (L)	250 - 2200 mm 2201 - 3000 mm		
Width (B)	200 - 1250 mm 200 - 625 mm		
Height (H)	30 mm, 50 mm		
Joint width (F)	3 mm		

LMD-B 110 Typ 6

Lay-In, Swing-Down and slide option on short side		 	
Length (L)	250 - 2200 mm 2201 - 3000 mm		
Width (B)	200 - 1250 mm 200 - 625 mm		
Height (H)	30 mm, 50 mm		
Joint width (F)	3 mm		

Technical details

Technical Details

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

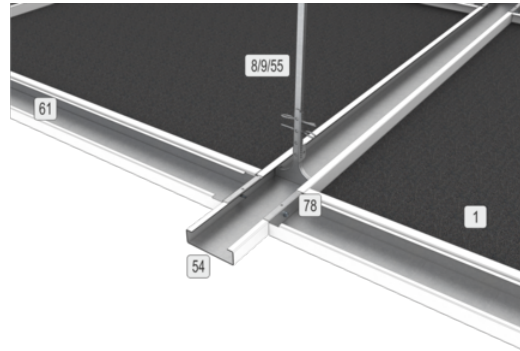
Notice: Weight without fixtures/installations

Component list

Bauteile



1	ceiling panel
8/9/55	vernier suspension
54	C-post cap profile
61	post cap cross noggin
78	self-drilling screw hexagon head with flange



Acoustics

Room acoustics

Sound absorber class	ISO 11654		E - A
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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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 µg/m³
Formaldehyde emissions	< 3 µg/m³
Evidence	
Indoor Air Comfort	Accomplished
Indoor Air Comfort Gold	Accomplished
AgBB	Accomplished
BREEAM International	Conform
LEED v4	Conform
DGNB	Conform
	<div>Outstanding </div>
Green Level Certificate	<p>Circularity: All components can be reused/ refurbished</p> <p>Life Cycle Assessment: EPD according to ISO 14025 and EN 15804</p> <p>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
Functional coatings	Meteo - Corrosion Protection 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 BREL 100 - Post Cap Spare Light LK 100 - post cap luminaire



DPL - Integrated luminaire for post cap ceilings

Heating and cooling function

System with integrated heating and cooling technology available:
Plafotherm® B 110 - Heated and Chilled Post Cap Ceiling with Cross Noggins

Certification

Certificates

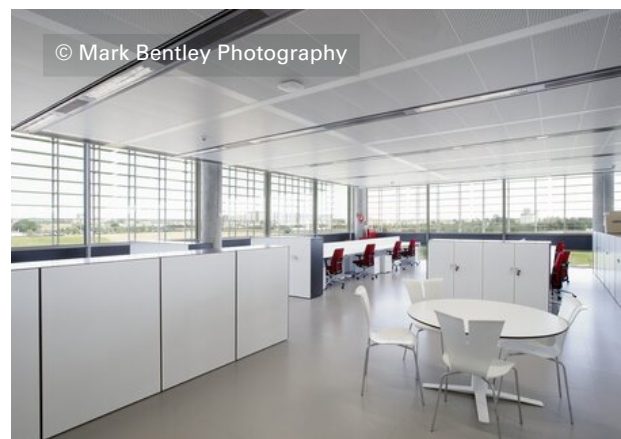
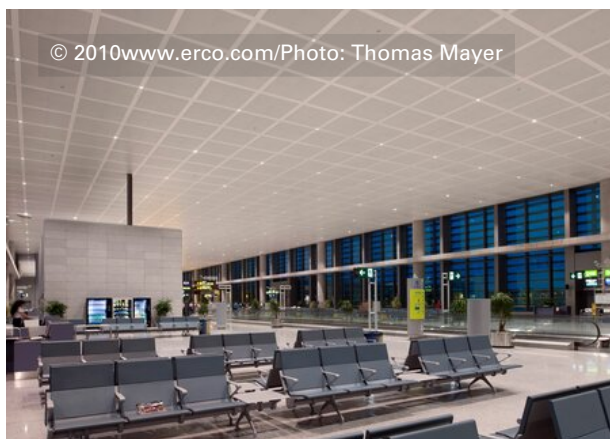
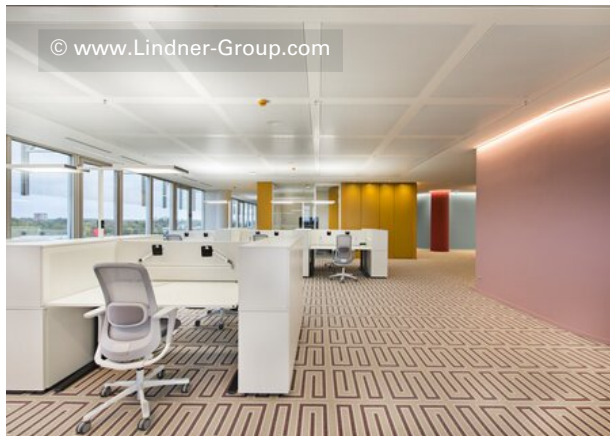
CE marking

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