



## LMD-B 147 SD

### Post Cap Ceiling Concealed, Longitudinally Sound-Reduced

The special feature of this system: the Post Cap profiles are not visible – nevertheless, it is possible to fasten partitions to the Post Caps. They can be moved without destruction. Thus, you have maximum design freedom in your room layout. Being equipped with integrated luminaires, the longitudinally sound-reduced system guarantees ideal illumination in your rooms. The ceiling panels have an easy maintenance option.

- Post Cap Ceiling with tested longitudinal sound reduction inclusive integrated luminaire
- homogeneous ceiling surface due to concealed Post Caps
- individual room layout thanks to the possibility to fasten reversible partitions to Post Caps
- easy maintenance option of ceiling panels
- hygienic and easy to clean

#### Examples for areas of application

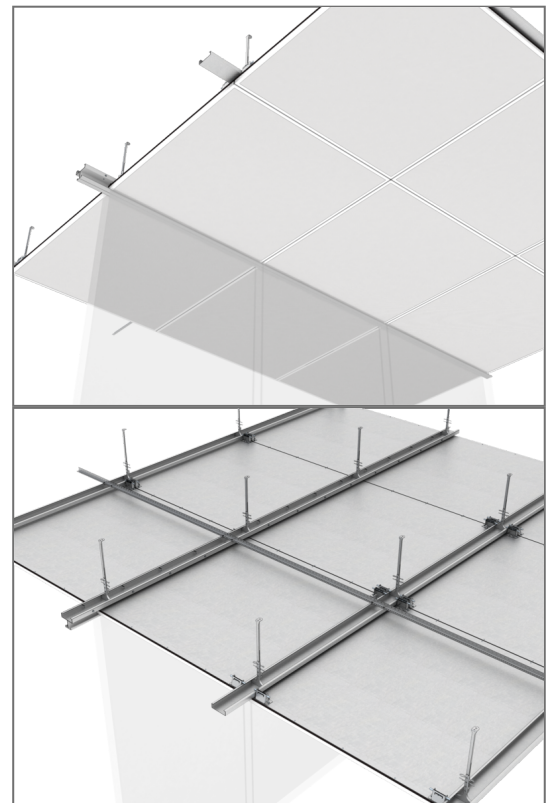
**Work:** Facilities for Meetings, Conventions and Conferences, Office buildings, Common Rooms, Assembly Rooms

**Businesses, Recreation and Culture:** Banks

**Public Institutions:** Courts and prisons, Government and municipal buildings

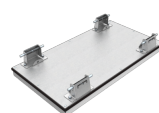
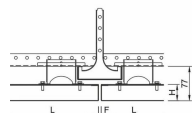
**Education:** Higher education institutions and universities, Research Rooms, Schools

**Hotels and Gastronomy:** Gastronomy, Hotels and Resorts



### Ceiling elements

#### LMD-B 147 SD Typ 1

Lay-In with locking technology		 
Length (L)	300 - 1400 mm   300 - 2000 mm	
Width (B)	200 - 900 mm   200 - 600 mm	
Height (H)	≥ 37 mm	
Joint width (F)	6 mm	



## Technical details

### Technical Details

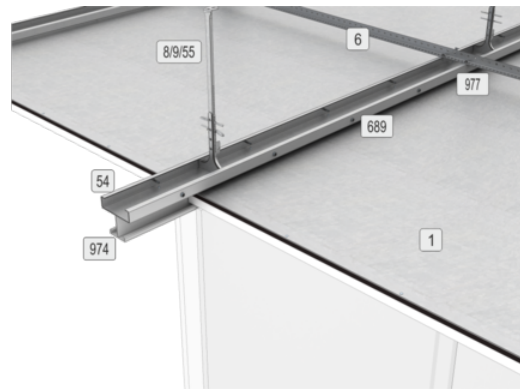
Material	galvanised sheet steel
Serviceability	removable
Possible wall connections	shadow gap wall connection profile
Weight	17 - 19 kg/m <sup>2</sup>

Notice: Weight without fixtures/installations

## Component list

### Bauteile

1	ceiling panel
6	L-profile 28
8/9/55	vernier suspension
54	C-post cap profile
689	hollow chamber sealing
974	partition connection profile (required for partitions)
977	drilling screw hexagon head



## Acoustics

### Room acoustics

Sound absorber class	ISO 11654		E - C
Noise Reduction Coefficient	ASTM C 423	NRC	0.15 - 0.80
Evaluated Sound Absorption Coeff.	ISO 11654	$\alpha_w$	0.15 - 0.70 (MH)

### Building acoustics

Rated normalised flanking level difference	ISO 717-1	$D_{n,f,w}$	45 - 60 dB
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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)
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).

## Evidence

Green Level Certificate	<div style="background-color: #4CAF50; color: white; padding: 5px; display: inline-block; border-radius: 10px;">             Superior  </div> <p><b>Circularity:</b> All components can be reused/ refurbished</p> <p><b>Life Cycle Assessment:</b> EPD according to ISO 14025 and EN 15804</p> <p><b>Cradle to Cradle Certified®:</b> no C2C Certified® label available</p>
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## 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

## 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).

## 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.