

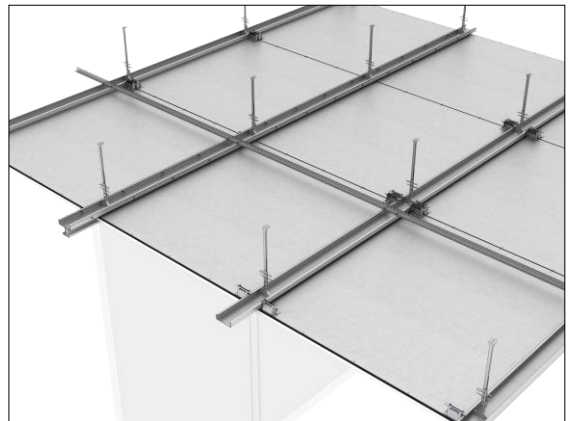
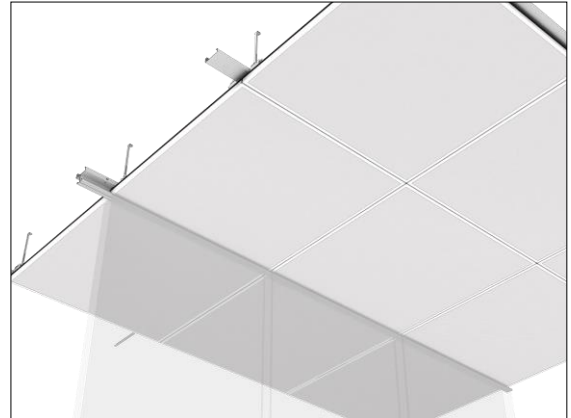


LMD-B 147 SD

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



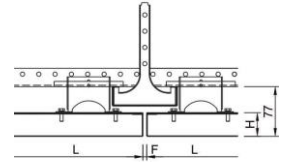


Ceiling elements

LMD-B 147 SD Type 1

Lay-In with locking technology

Length (L)	300 - 1,400 mm	300 - 2,000 mm
Width (B)	200 - 900 mm	200 - 600 mm
Height (H)	≥ 37 mm	
Joint width (F)	6 mm	

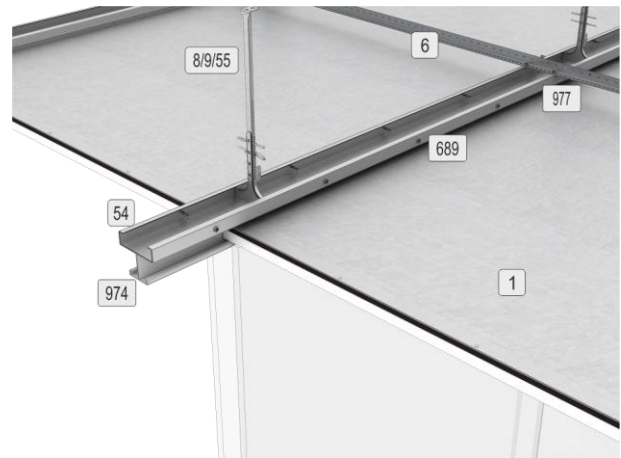


Technical data

Material	galvanised sheet steel
Weight	approx. 17 - 19 kg/m ² (without fixtures/installations)
Serviceability	removable
Wall connection options	shadow gap, wall connection profile

Component list

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

Rated sound absorption coefficient	DIN EN ISO 354	α_w	0.15 - 0.70 MH
Sound absorber class	DIN EN ISO 11654		E - C
Noise Reduction Coefficient	ASTM C 423	NRC	0.15 - 0.80

Building Acoustics

Rated normalised flanking level difference	DIN EN ISO 10848-2	$D_{n,f,w}$	45 - 60 dB
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Durability

Exposure class	DIN EN 13964	A
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Sustainability

Product self-declaration	Self-declaration according to ISO 14021
Environmental product declaration	EPD according to EN 15804 / ISO 14025
French VOC Regulation	Emission class A+

Certification

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).

Surfaces

Powder coatings	<u>COLOURline - Powder coating</u> <u>MOODline - Powder coating, deep matt</u> <u>ARTline - Decorative powder coating</u> <u>GRAPHICline - Digital print</u>
Perforation	<u>BASICline - Standard perforations</u> <u>REGULARline - Further perforations</u> <u>SPREADline - Scattered perforations</u>



Additional equipment

Heating and cooling function

System with integrated heating and cooling technology is available:
Plafotherm® B 147 SD

Project solutions

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.