

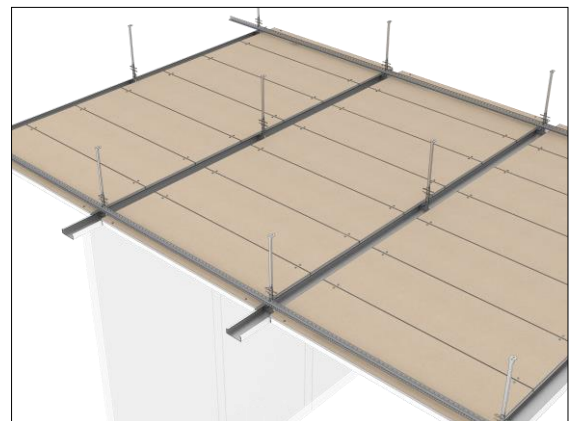
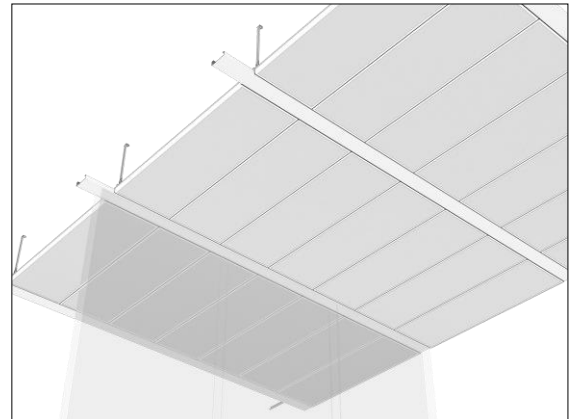


## LMD-B 100 SD

### Linear post cap ceiling, longitudinally sound reduced


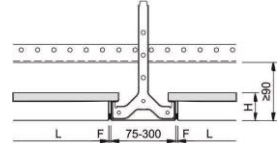

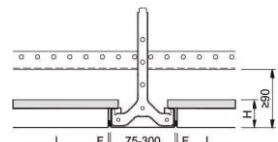
This ceiling system with visible linear Post Caps and tested longitudinal sound reduction is the perfect solution to fasten partitions on the Post Caps. Thus, individual room layouts are possible – for example a subdivision of an open-plan office in several individual offices. The system LMD-B 100 SD with low construction height can be adapted to round building shapes thanks to trapezoidal ceiling panels and radially installed Post Caps. The ceiling panels with heavy plating can easily be removed for maintenance works without the need for any tools.

- Post Cap ceiling with tested longitudinal sound reduction
- visible linear Post Caps as design elements
- individual room layout thanks to the possibility to fasten partitions to Post Caps
- Post Caps can be used for technical installations or luminaires
- space-saving ceiling system with low construction height
- round, curved building shapes can be realised thanks to radially installed Post Caps and trapezoidal ceiling panels
- easy maintenance option due to ceiling panels that can be individually operated without tools
- hygienic and easy to clean





## Ceiling elements

<b>LMD-B 100 SD Type 1</b>				
<b>Lay-In</b>				
Length (L)	250 - 1,400 mm	250 - 2,000 mm		
Width (B)	200 - 900 mm	200 - 600 mm		
Interpolation of length/width possible				
Height (H)	≥ 43 mm			
Joint width (F)	3 mm			
<b>LMD-B 100 SD Type 2</b>				
<b>Lay-In with Hook-On edge</b>				
Length (L)	250 - 1,400 mm	250 - 2,000 mm		
Width (B)	200 - 900 mm	200 - 600 mm		
Interpolation of length/width possible				
Height (H)	≥ 43 mm			
Joint width (F)	3 mm			

## Technical data

Material	galvanised sheet steel
Weight	approx. 18 - 20 kg/m <sup>2</sup> (without fixtures/installations)
Serviceability	removable without tools
Wall connection options	L-angle, shadow gap trim

## Component list

1	ceiling panel	
6	L-profile 28	
8/9/55	vernier suspension	
54	C-post cap profile	
78	self-drilling screw hexagon head with flange	



## Acoustic

### Room acoustics

Rated sound absorption coefficient	DIN EN ISO 11654	$\alpha_w$	0.15 - 0.75 MH
Sound absorber class	DIN EN ISO 11654		E - C
Noise Reduction Coefficient	ASTM C 423	NRC	0.15 - 0.85

### Building Acoustics

Rated normalised flanking level difference	DIN EN ISO 10848-2	$D_{n,f,w}$	40 - 67 dB
--	--------------------	-------------	------------

## Fire protection

### Fire stability

Fire stability	EN 13501-2	30 minutes
----------------	------------	------------

## Durability

Exposure class	DIN EN 13964	A
----------------	--------------	---

## Sustainability

Product self-declaration	Self-declaration according to ISO 14021
Environmental product declaration	EPD according to EN 15804 / ISO 14025

## 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

Luminaires	<a href="#">IS 17 - Integrated luminaire for general areas</a> <a href="#">IS 22 - Integrated luminaire for monitor work stations</a> <a href="#">QZI - Integrated luminaire with cell louvres</a>
Heating and cooling function	System with integrated heating and cooling technology is available: <a href="#">Plafotherm® B 100 SD</a>

## Application examples



## 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.