

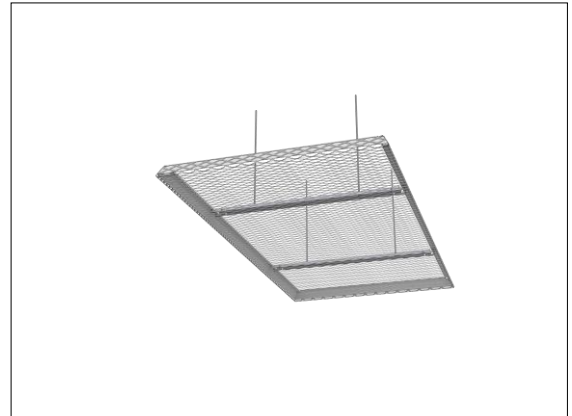


LMD-St 320

Hook-On Expanded Metal Canopy Ceiling

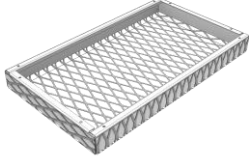
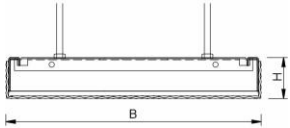
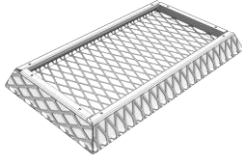
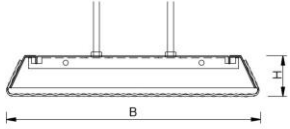

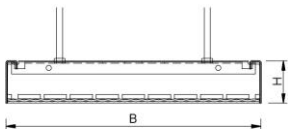
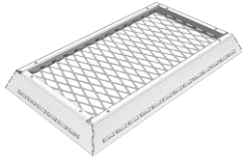
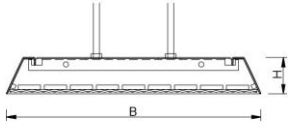
The LMD-St 320 expanded metal canopy ceiling is characterised by its versatile design options. As a single canopy, it can be arranged freely in the room and can also be realised with 90° or 65° turn-ups as well as with different mesh types, shapes and sizes. This canopy ceiling impresses with its modern look, simple installation and tool-free revision options. Independent installation of luminaires and fixtures is possible between the expanded metal canopy ceilings.

- design freedom thanks to an individual arrangement of canopies and an exposed concrete
- flexible room plannings are possible
- large-sized ceiling panels optionally with 90° or 65° turn-up
- many design possibilities thanks to different mesh types, shapes and sizes
- easy maintenance option due to ceiling panels that can be individually operated without tools
- independent installation of luminaires and fixtures possible between canopy ceilings
- easy and quick installation





Ceiling elements

LMD-St 320 Type 1		 
90° turn-up, expanded metal turned up		
Length (L)	500 - 3,000 mm	
Width (B)	400 - 1,250 mm	
Height (H)	50 mm	
LMD-St 320 Type 2		 
65° turn-up, expanded metal turned up		
Length (L)	500 - 3,000 mm	
Width (B)	400 - 1,250 mm	
Height (H)	50 mm	
LMD-St 320 Type 3		 
90° turn-up, expanded metal bordered		
Length (L)	500 - 3,000 mm	
Width (B)	400 - 1,250 mm	
Height (H)	50 mm	
LMD-St 320 Type 4		 
65° turn-up, expanded metal bordered		
Length (L)	500 - 3,000 mm	
Width (B)	400 - 1,250 mm	
Height (H)	50 mm	

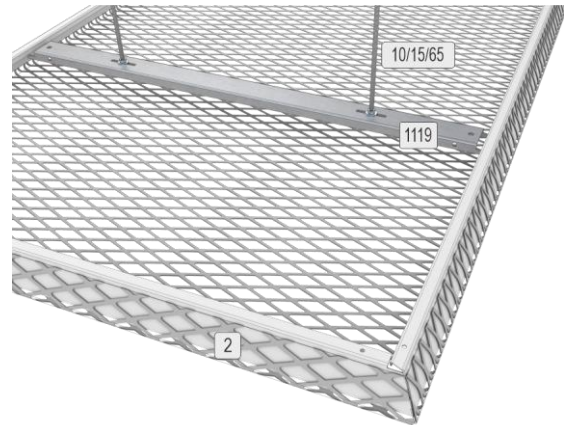


Technical data

Material	galvanised sheet steel
Weight	approx. 14 - 16 kg/m ² (without fixtures/installations)
Serviceability	removable without tools

Component list

2	expanded metal ceiling panel
10/15/65	threaded rod suspension
1119	hook-on profile 16/320



Acoustics

Room acoustics

Equivalent sound absorption area per canopy	DIN EN ISO 354		
Rated sound absorption coefficient	DIN EN ISO 11654	α_w	0.15 - 1.00
Sound absorption class	DIN EN ISO 11654		E - A
Noise Reduction Coefficient	ASTM C 423	NRC	0.15 - 0.90
Notice	The evaluation of α_w and NRC can only be carried out in dependence and therefore is only an orientation value.		

Fire protection

Building material class

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

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
Circular Economy	Cradle to Cradle Certified® Gold
French VOC Regulation	Emission class A+

Statics

Seismic Safety	qualification according to AC 156/Eurocode/SIA 261
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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>
Expanded metal	<u>MESHdesign - Standard expanded metal</u>

Additional equipment

Acoustic inlays	<u>Acustica - Acoustic fabric inlay</u> <u>Calma - Glass yarn inlay in textile cover</u>
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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.