

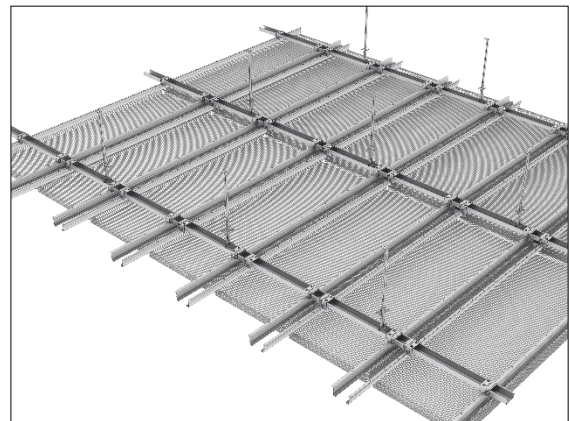
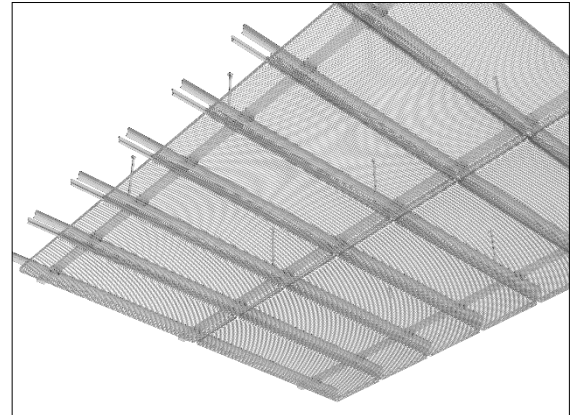


## LMD-St 215

### Hook-On expanded metal ceiling with open joints, frameless

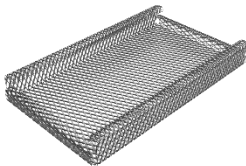
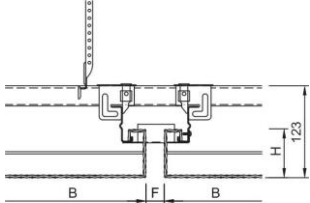
The expanded metal ceiling LMD-St 215 has an especially open character thanks to frameless ceiling panels that are hooked onto hook-on profiles on the longitudinal side. A large number of possible meshes and joint widths allow you free scope for design. The ceiling void is visible to a greater or lesser extent, depending on your requirements. In any case, the ceiling panels can be removed individually without tools.

- frameless expanded metal ceiling with special open character
- many design possibilities thanks to different mesh types, shapes and sizes
- the possibility to see – to a greater or lesser extent – into the ceiling void depends on the mesh or the requirement
- installation of illumination or further fixtures in the ceiling void is possible in case of a high open area
- ceiling layout with open joints
- easy maintenance option due to ceiling panels that can be individually operated without tools





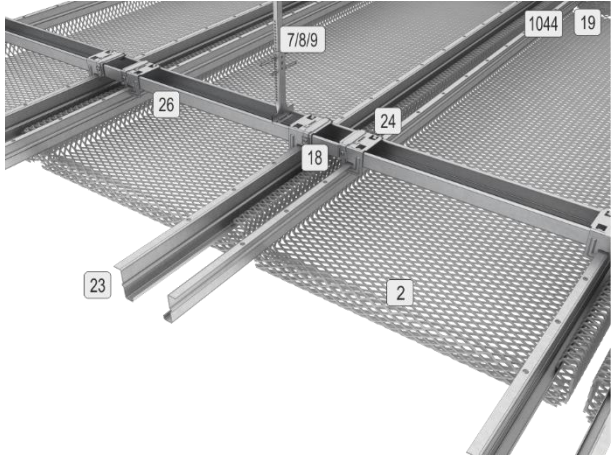
## Ceiling elements

<b>LMD-St 215 Type 1</b>		 
<b>Hook-On on longitudinal side, frameless expanded metal</b>		
Length (L)	250 - 2,000 mm	
Width (B)	200 - 750 mm	
Height (H)	65 mm	
Joint width (F)	~ 20 mm	

## Technical data

Material	galvanised sheet steel
Weight	approx. 7 - 9 kg/m <sup>2</sup> (without fixtures/installations)
Serviceability	removable
Wall connection options	L-angle, shadow gap trim, open wall connection

## Component list

2	expanded metal ceiling panel	
7/8/9	vernier suspension	
18	self-tapping screw trapezoidal head	
19	self-drilling screw fillister head	
23	Z-hook-on profile 48	
24	cross connector for suspension channel 60 to Z-hook-on profile 48	
26	suspension channel 60	
1044	spacer for Z-hook-on profile 48/215	

## Acoustics

### Room acoustics

Rated sound absorption coefficient	DIN EN ISO 11654	$\alpha_w$	0.15 - 1.00
Sound absorber class	DIN EN ISO 11654		E - A
Noise Reduction Coefficient	ASTM C 423	NRC	0.15 - 0.90

## 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
----------------	--------------	---

### 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+	

### 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 Light - Filigree expanded metal</u>	

### Additional equipment

Acoustic inlays	<u>Acustica - Acoustic fabric inlay</u> <u>Calma - Glass yarn inlay in textile cover</u>	
Luminaires	<u>LK 73 - Light channel</u>	
Absorbers	<u>LMD-Absorber - Type 1   Type 5</u>	



## 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.