

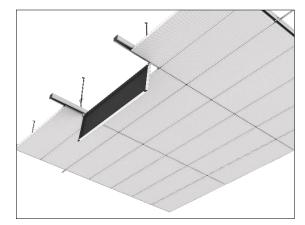


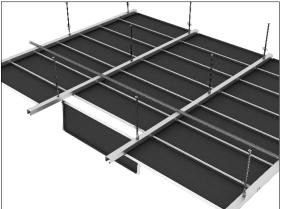
LMD-E 213

Hook-On ceiling with accentuated joints

The system LMD-E 213 is characterised by accentuated joints in both directions along the ceiling panels, generating a special ceiling layout. Open Hook-On profiles create a homogeneous ceiling surface and an appealing look. Flexible shapes such as rectangular, trapezoidal or triangular ceiling panels enable individual, project-related design options. Ceiling panels that can be removed or swung down and slid without tools are available.

- homogeneous ceiling surface due to concealed substructure
- individual design thanks to flexible panel shapes and sizes
- · ceiling layout with accentuated joints in both directions possible
- easy maintenance option due to ceiling panels that can be individually operated, swung down and slid without tools
- hygienic and easy to clean















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Ceiling elements

LMD-E 213 Type	1			
Hook-On			1	
Length (L)	250 - 3,000 mm			
Width (B)	200 - 1,250 mm		100	
Height (H)	30, 40, 50 mm			
Joint width (F)	10, 15, 20, 25, 30 mm			
LMD-E 213 Type	2			
Hook-On, Swing	-Down option <1.2 m²		1.	
Length (L)	250 - 3,000 mm			
Width (B)	200 - 1,250 mm		100	
Height (H)	30, 40, 50 mm			
Joint width (F)	10, 15, 20, 25, 30 mm			
LMD-E 213 Type	3			
Hook-On, Swing	-Down option	*	1.	
Length (L)	250 - 3,000 mm			
Width (B)	200 - 1,250 mm		100	
Height (H)	30, 40, 50 mm			
Joint width (F)	10, 15, 20, 25, 30 mm			

Technical data

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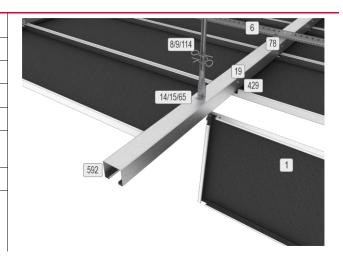
Material	galvanised sheet steel
Weight	approx. 8 - 10 kg/m² (without fixtures/installations)
Serviceability	swing-down and slide option without tools or removable
Wall connection options	L-angle, shadow gap trim, open wall connection





Component list

ceiling panel
L-profile 28
vernier suspension
screwing
self-drilling screw fillister head
self-drilling screw hexagon head with flange
spacer for double hook-on profile 54
double hook-on profile 54



Acoustic

Room acoustics			
Rated sound absorption coefficient	DIN EN ISO 11654	αw	0.15 - 1.00
Sound absorber class	DIN EN ISO 11654		E-A
Noise Reduction Coefficient	ASTM C 423	NRC	0.15 - 0.95

Fire protection

Building material class		
Building material class (COLOURline A1)	DIN EN 13501-1	A1
Building material class (COLOURline)	DIN EN 13501-1	A2 - s1, d0
Building material class	ASTM E 84	Class A
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
Circular Economy	Cradle to Cradle Certified® Gold
French VOC Regulation	Emission class A+





Safety protection		
Explosion Protection	up to 63 kPa blast pressure	
Statics		
Seismic Safety	qualification according to AC 156/Eurocode/SIA 261	
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	COLOURline - Powder coating COLOURline A1 - Powder coating non-combustible MOODline - Powder coating, deep matt ARTline - Decorative powder coating GRAPHICline - Digital print	
Perforation	BASICline - Standard perforations REGULARline - Further perforations SPREADline - Scattered perforations	
Design surfaces	TOUCHdesign Lunar - 3D hammered	
Functional coatings	Meteo - Corrosion protection coating Mutex - Acoustic coating	
Additional equipment		
Acoustic inlays	Acustica - Acoustic fabric inlay Insula - Mineral wool inlay in acoustic foil Calma - Glass yarn inlay in textile cover	
Ventilation components	AirBox S - Supply air elements AirBox E - Exhaust air elements AirBeam Basic - Standard Heated/Chilled beam AirBeam Discreet - Discreet Heated/Chilled beam	
Luminaires	IS 17 - Integrated luminaire for general areas IS 22 - Integrated luminaire for monitor work stations IS 450 - Integrated luminaire for office and general areas LK 73 - Light channel QZI - Integrated luminaire with cell louvres DPL - Integrated luminaire for post cap ceilings	
Heating and cooling function	System with integrated heating and cooling technology is available: Plafotherm® E 213	
Ball-impact resistance	System with tested ball-impact resistance is available: <u>LMD-E 213 BWS</u>	
Wind loads	System with tested wind pressure/suction loads is available: LMD-E 213 WL	



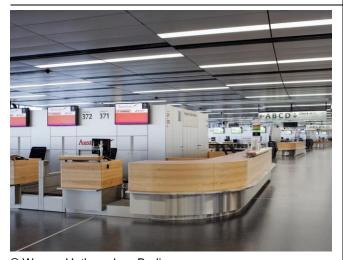


Application examples





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Project solutions

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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.