



F30 Drop-Slide

LMD Fire Rated Metal Ceiling acc. to DIN 4102-2


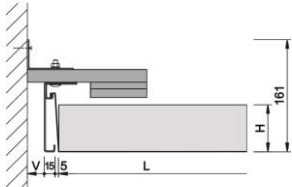

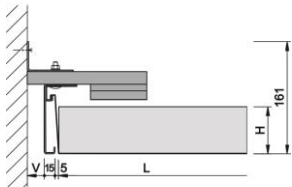
The suspended fire rated metal ceiling impresses with ease of maintenance: every freely spanned ceiling element can be lowered and slid beneath other panels. No additional ceiling void is necessary for maintenance works. Moreover, no hanging ceiling elements affect the building traffic. This system offers an excellent compensation of tolerances on the wall.

- general building authority test certificate No. P-2101/336/18-MPA BS
- freely spanned construction
- very good compensation of tolerances on the wall is possible due to an adjustable wall connection
- maintenance option due to ceiling elements that can be individually operated, lowered and slid without tools
- lowered ceiling elements can be pushed together to receive a large inspection opening (approx. 3,000 x 2,000 mm)
- no disturbing, hanging ceiling elements in opened condition of the ceiling
- no additional ceiling void is necessary for maintenance works
- hygienic and easy to clean






Ceiling elements

LMD F30-A Type 10.1		
Length (L)	500 - 2,500 mm	
Width (B)	200 - 625 mm	
Height (H)	67.5 mm	
Adjustment range (V)	10 - 39 mm	
 		
LMD F30-AB Type 10.1		
Length (L)	500 - 2,500 mm	2,501 - 3,000 mm
Width (B)	200 - 625 mm	200 - 500 mm
Height (H)	67.5 mm	67.5
Adjustment range (V)	10 - 39 mm	
 		

Technical data

Material	galvanised sheet steel
Weight	38 - 42 kg/m ²
Serviceability	drop-slide option or removable without tools
Wall connection options	plasterboard barrier, plasterboard frieze, plasterboard partitions, bracket fastening, massive walls, concrete walls

Component list

1	metal ceiling element	
16b	U-washer	
150	L-wall profile 43x65	
278b	truss head screw with square neck and nut	
817g	GKF/DF moulded part 18 mm	
862	drop-slide hook-on profile 100/15S	



Acoustics

Room acoustics

Rated sound absorption coefficient	DIN EN ISO 11654	α_w	0.15 - 0.85
Sound absorber class	DIN EN ISO 11654		E - B
Noise Reduction Coefficient	ASTM C 423	NRC	0.15 - 0.85

Fire protection

Building material class

Building material class	DIN EN 13501-1	A2 - s1, d0
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Fire resistance

Fire resistance	DIN 4102-2	F 30 from above, F 30 from below
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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 is available	
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>
Perforations	<u>BASICline - Standard perforations</u> <u>REGULARline - Further perforations</u> <u>SPREADline - Scattered perforations</u>



Additional equipment

Luminaires for fire rated metal ceilings	<u>T38 17 - Recessed luminaire for metal fireproof ceilings</u> <u>T38 12 - Recessed luminaire for metal fireproof ceilings</u>
Escape sign luminaires	<u>SRB Compact 200 - Escape sign luminaire</u> <u>SRB Compact 300 - Escape sign luminaire</u>
Loudspeakers	<u>Monacor SPE-150/WS - Low installation loudspeaker</u> <u>ic audio DL EN54 - ELA loudspeaker for voice alarm</u>
Protective boxes	<u>SK30 - Protective box for built-in part round/square v</u>
Ventilation components	<u>Strulik BCF - Damper</u> <u>Wildeboer BV90 - Fire protection valve (Series BV92)</u> <u>Trox L-KU-K30 - Fire damper</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.