



F90 Hook-On-Swing-Down-Slide

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

The ceiling elements of this fire rated ceiling are hooked onto carrier rails on both sides of the corridor. They can be swung down and slid along the corridor without the need for any tools. No additional ceiling void is required for maintenance works. This fire rated ceiling enables a good compensation of tolerances on the wall.

- general building authority test certificate No. P-SAC-02/III-648
- freely spanned construction
- 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, swung down and slid without tools
- swung down ceiling elements can be moved together to receive a large inspection opening (approx. 2,500 x 600 mm)
- no additional ceiling void is necessary for maintenance works
- hygienic and easy to clean





Ceiling elements

LMD F90-AB Type 8.1		
Length (L)	500 - 2,500 mm	
Width (B)	200 - 397 mm	
Height (H)	86 mm	
Adjustment range (V)	10 - 23 mm	

Technical data

Material	galvanised sheet steel
Weight	45 - 58 kg/m ²
Serviceability	swing-down and slide option or removable without tools
Wall connection options	plasterboard frieze, plasterboard partitions, bracket fastening, massive walls, concrete walls

Component list

1	metal ceiling element	
16b	U-washer	
278b	truss head screw with square neck and nut	
816f	GKF/DF moulded part	
819	joint filler	
856b	foaming gasket strip	
1004	Z-hook-on profile	
1010	U-wall profile	

Acoustic

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 90 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	
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Statics

Seismic safety	Qualification according to AC 156/Eurocode/DIN EN 1998-1 Zone 0 - 3	
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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> <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>SK90 - Protective box for built-in part round/square</u>
Ventilation components	<u>Wildeboer BV90 - Fire protection valve (Series BV92)</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.