



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





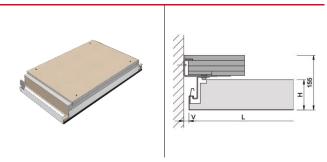






Ceiling elements

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

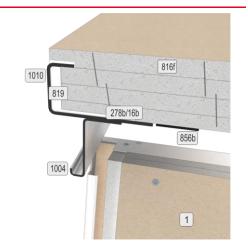


Technical data

Material	galvanised sheet steel	
Weight	45 - 58 kg/m²	
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

DIN EN 13501-1	A2 - s1, d0	
DIN 4102-2	F 90 from above, F 30 from below	
DIN EN 13964	A	
Self-Declaration accord	Self-Declaration according to ISO 14021	
Qualification according	Qualification according to AC 156/Eurocode/DIN EN 1998-1 Zone 0 - 3	
regulation (EU) No. 305	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.	
Manual Metal Ceilings"	The ceiling system fulfils the requirements of the "Technical Manual Metal Ceilings" (TMMC) of TAIM e.V. (Association of Industrial Metal Ceiling Manufacturers).	
MOODline - Powder co ARTline - Decorative p	COLOURline - Powder coating MOODline - Powder coating, deep matt ARTline - Decorative powder coating GRAPHICline - Digital print	
REGULARline - Furthe	BASICline - Standard perforations REGULARline - Further perforations SPREADline - Scattered perforations	
	DIN 4102-2 DIN EN 13964 Self-Declaration accord Qualification according Qualification according The ceiling system is a regulation (EU) No. 30 and EN 13964: Susper methods. The ceiling system fulfi Manual Metal Ceilings' Industrial Metal Ceilings' Industrial Metal Ceiling COLOURline - Powder con ARTline - Decorative provided in the standard provided	





Additional equipment

Luminaires for fire rated metal ceilings	T38 17 - Recessed luminaire for metal fireproof ceilings T38 12 - Recessed luminaire for metal fireproof ceilings
Escape sign luminaires	SRB Compact 200 - Escape sign luminaire SRB Compact 300 - Escape sign luminaire
Loudspeakers	Monacor SPE-150/WS - Low installation loudspeaker ic audio DL EN54 - ELA loudspeaker for voice alarm
Protective boxes	SK90 - Protective box for built-in part round/square
Ventilation components	Wildeboer BV90 - Fire protection valve (Series BV92)

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.