



El90-VKF Hook-On-Swing-Down-Slide

LMD Fire Rated Metal Ceiling application acc. to VKF

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.

- VKF fire protection application No. 31440
- 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









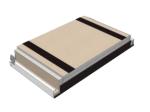


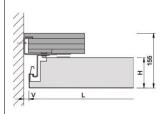




Ceiling elements

LMD El90 Type 8.1 VKF		
Length (L)	500 - 2,500 mm	
Width (B)	200 - 397 mm	
Height (H)	86 mm	
Adjustment range (V)	10 - 23 mm	



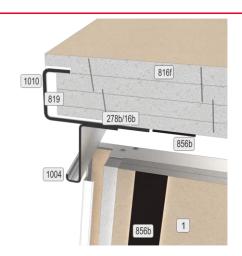


Technical data

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 fastenir 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







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		
Fire resistance				
Fire resistance	DIN EN 13501-2	El 60 (a → b), El 60 (a ← b)		
Durability				
Exposure class	DIN EN 13964	A		
Sustainability				
Product self-declaration	Self-declaration according to ISO 14021			
Statics				
Seismic safety	Qualification according	Qualification according to AC 156/SIA 261 Zone 1 - 3b		
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.	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).		
Surfaces				
Powder coatings	MOODline - Powder coa ARTline - Decorative po	COLOURline - Powder coating MOODline - Powder coating, deep matt ARTline - Decorative powder coating GRAPHICline - Digital print		
Perforations	REGULARline - Further	BASICline - Standard perforations REGULARline - Further perforations SPREADline - Scattered perforations		





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.