



Free Span Corridor Systems

ARMSTRONG METAL Clip-In, Hook-On, Lay-In F-Clip Access, F-H 600, F-H 600 Swing, F-H 600 Swing E130, F-L 601



- **Armstrong METAL Corridor** is a rectangular panel free-span solution that simply spans between the walls, allowing for easy installation and access to services.
- **METAL F-L 601** with various perimeter trim solutions for a clean aesthetic finish.
- Adjustable perimeter shadow gap detailing for METAL F-Clip Access and METAL F-H 600.
- Easy, quick access to ceiling void due to swing-down functions (METAL F-Clip Access and METAL F-H 600 Swing).
- **METAL F-H 600 Swing E130** fire resistant ceiling (a <-> b) with an additional layer of Knauf plasterboard fixed to the back of the panels and an intumescent tape sealing the gaps.
- **METAL F-Clip Access** panels available with an optional lock function.
- Fully configurable large size panels.
- Additional design options available as part of our **Vario Design** range.
- Used in corridors where the panels simply span between walls.



ARMSTRONG METAL Clip-In, Hook-On, Lay-In

F-Clip Access, F-H 600, F-H 600 Swing, F-H 600 Swing EI30, F-L 601

Edge details		METAL F-Clip Access	METAL F-H 600	METAL F-H 600 Swing	METAL F-H 600 Swing EI30	METAL F-L 601								
System		Wall Bracket + Half DP12 A-Bar (optional DP12 A-Bar)	Wall Bracket + J-Bar	Wall Bracket + G-Profile	Wall Profile EI30 + G-Profile EI30	Perimeter Trim								
Dimensions (mm)		Panel length: 600 - 2500 Panel width: 250 - 600 Max size (m ²): 1.5	Panel length: 600 - 3300 Panel width: 247 - 1350 Max size (m ²): 2	Panel length: 600 - 3300 Panel width: 247 - 1350 Max size (m ²): 2	Panel length: 600 - 2700 Panel width: 247 - 397	Panel length: 600 - 3300 Panel width: 247 - 1350 Max size (m ²): 2								
Material & perforations		Post-coated galvanised steel, 0.6 - 0.7mm												
		Unperforated	Standard perforation Rg 2516 Ø: 2.5mm Open area: 16%	Micro-perforation Rd 1522 Ø: 1.5mm Open area: 22%	Extramicro perforation Rg 0701 Ø: 0.7mm Open area: 1.5%									
		Other perforations												
		Rd 1511	Rg 1511	Rg 1821	Rg 3013	Qg 4025								
Colours		RAL 9010	Other colours			Wood effects								
		RAL 9003	RAL 9005	RAL 9006	RAL 9007	RAL 9016	Global White							
			Ash	Natural Bamboo	Caramel Bamboo	Maple	Oak							
					American Cherry	American Walnut								
Weight		Unperforated 5.7 - 7.4 kg/m ²	Rg 2516 5.0 - 6.6 kg/m ²	Rd 1522 4.7 - 6.4 kg/m ²	Rg 0701 5.7 - 7.3 kg/m ²	Weight varies depending on the edge detail and acoustic infill.								
Acoustics		EN ISO 354								EN ISO 10848-2	EN ISO 10140-2			
			α_w^*	Class	Frequency (Hz) α_w^{**}					NRC ^{**}	D _{n,tw} ^{***}	R _w ^{***}	CAC ^{****}	
					125	250	500	1000	2000	4000				
		Unperforated	0.10(L)	NC	0.25	0.15	0.05	0.05	0.10	0.10	0.10	44 dB	19 dB	-
		Rg 2516 + Fleece	0.75(L)	C	0.35	0.80	0.95	0.70	0.75	0.75	0.80	18 dB	8 dB	-
		Rd 1522 + Fleece	0.70	C	0.30	0.65	0.90	0.65	0.70	0.75	0.70	16 dB	6 dB	16 dB
		Rg 0701 + Fleece	0.55(L)	D	0.45	0.70	0.70	0.55	0.55	0.45	0.65	21 dB	10 dB	22 dB
			*as per EN ISO 11654		**as per ASTM C 423-01			***as per EN ISO 717-1			****as per ASTM E 413-10			
Fire reaction		Euroclass A1 (METAL F-Clip Access, F-H 600, F-L 601: Unperforated / Perforated + No Infill + No Gasket) Euroclass A2-s2, d0 (METAL F-Clip Access, F-H 600, F-L 601: Perforated + Acoustic Fleece + No Gasket) Euroclass B-s1, d0 (METAL F-H 600 Swing, F-L 601: Perforated + Acoustic Fleece + Gasket) as per EN 13501-1				RUS KM1 (G1, V1, D1, T1) as per 123-FZ				Values applicable for RAL 9010 solutions only.				
Light reflectance		Unperforated 85%	Rg 2516 70%	Rd 1522 65%	Rg 0701 80%				Values applicable for RAL 9010 solutions only.					
Humidity resistance		90% RH												
Indoor air quality		A+ (only without gasket)	E1											
Cleanability								(TrioGuard™ only)						
Sustainability		EN ISO 14021 =14%	GreenMark Silver*										*Value applicable for RAL 9010 only.	
Design options														
		Dimensions	Colours	Perforations	Acoustic Infills	Cut-Outs	BioGuard	METAL F-H 600 Swing EI30	METAL F-H 600, METAL F-H 600 Swing	METAL F-Clip Access	METAL F-Clip Access, METAL F-H 600, METAL F-L 601	METAL F-Clip Access, METAL F-H 600 Swing, METAL F-L 601	METAL F-Clip Access, METAL F-H 600 Swing EI30	
								Fire Resistance		Suitable for Chilled Ceilings		Secure Function		
													Swing-Down Function	

[Previous page] METAL F-Clip Access, Unperforated (Linz AG Center, Linz, Austria, ©Elisabeth Grebe)

VD Options with this icon are available from our **Vario Design** range. Some combinations of colours and/or perforations are not available for every product. Products may vary from country to country. Please contact your local sales representative. For further information and legal notice, please visit our website. knaufceilingsolutions.com