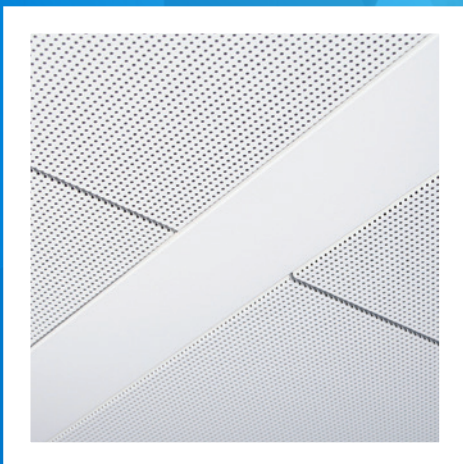




Exposed Grid Systems

ARMSTRONG METAL Linear & Tartan

B-H 300, B-L 302, R-L 201, K-H 400



- **Armstrong METAL Linear** combines functionality with stylish simplicity and versatility by creating a linear technical zone.
- **METAL B-H 300:** 'Easy' and 'Hook' hinge-down function, 'Swing' swing-down function for easy access to the ceiling void.
- C-Profiles in different dimensions with optional cut-outs for service integration on request.
- Easily installed and removed.
- Available in trapezoidal shapes for radial ceilings on request.
- Fully configurable large size panels.
- Additional design options available as part of our **Vario Design** range.
- Ideal for large spaces and office environments.
- **Armstrong METAL Tartan** is a solution for square and/or rectangular room partitioning.
- **METAL K-H 400:** 'Easy' and 'Hook' hinge-down function, 'Swing' swing-down function for easy access to the ceiling void.
- Crossing boxes and C-Profiles in different dimensions with optional cut-outs for service integration on request.



ARMSTRONG METAL Linear & Tartan

B-H 300, B-L 302, R-L 201, K-H 400

Edge details		METAL B-H 300 <small>vd</small> [Linear layout] 	METAL B-L 302 <small>vd</small> [Linear layout] 	METAL R-L 201 <small>vd</small> [Linear layout] 	METAL K-H 400 <small>vd</small> [Tartan layout] 	[Linear layout]	[Tartan layout]						
System		U-Profile + C-Profile 100mm*	U-Profile + Bandrastrer 100mm	U-Profile + L-Profile	Crossing Box + C-Profile 100mm*	*Further widths on request.							
Dimensions (mm)		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 - 3300 Panel width: 247 - 1350 Max size (m ²): 2	Panel length: 600 - 2850 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%								
		vd Other perforations											
		Rd 1511	Rg 1511	Rg 1821	Rg 3013	Qg 4025							
Colours		RAL 9010	vd Other colours										
		RAL 9003	RAL 9005	RAL 9006	RAL 9007	RAL 9016	Global White						
		vd Wood effects											
		Ash	Natural Bamboo	Caramel Bamboo	Maple	Oak	American Cherry						
		American Walnut											
Weight		Unperforated 5.7 - 8.9 kg/m ²	Rg 2516 5.0 - 8.2 kg/m ²	Rd 1522 4.7 - 7.9 kg/m ²	Rg 0701 5.7 - 8.9 kg/m ²	Weight varies depending on the edge detail and acoustic infill.							
Acoustics		EN ISO 354											
				Frequency (Hz) α _p				EN ISO 10848-2	EN ISO 10140-2				
		α _w *	Class	125	250	500	1000	2000	4000	NRC**	D _{n,t,w} ***	R _w ***	CAC****
		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 (Unperforated / Perforated + No Infill + No Gasket) Euroclass A2-s2, d0 (Perforated + Acoustic Fleece + No Gasket) Euroclass B-s1, d0 (Perforated + Acoustic Fleece + Gasket) as per EN 13501-1			RUS KM1 (G1, V1, D1, T1) as per 123-FZ				Values applicable for RAL 9010 only.				
Light reflectance		Unperforated 85%	Rg 2516 70%	Rd 1522 65%	Rg 0701 80%	Values applicable for RAL 9010 only.							
Humidity resistance		90% RH											
Indoor air quality		A+ (only without gasket)	E1										
Cleanability													
Sustainability		≈14%	Silver*										
Design options		Dimensions	Colours	Perforations	Shapes	Acoustic Infills	Cut-Outs	Suitable for Chilled Ceilings	BioGuard	Swing-Down Function	Seismic		

[Previous page] METAL B-H 300, RAL 9006 (Prime Corporate Center, Warsaw, Poland, ©Szymon Polański)

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.
knaufceilingssolutions.com