



Concealed Grid Systems **ARMSTRONG METAL Clip-In** Q-Clip, Q-Clip F, S-Clip F, T-Clip F



- **Armstrong METAL Clip-In** provides a versatile and sleek design in various perforations and edge details for installation using the U-Profile and DP12 A-Bar suspension system (C-Channel and Spring-T for METAL T-Clip F).
- Concealed grid for a monolithic effect.
- Ease of installation (alignment) and fully demountable.
- Maintenance-friendly system.
- METAL Q-Clip / METAL Q-Clip F available with an optional 'Window' swing-down function.
- METAL S-Clip F with integrated swing-down function.
- METAL Q-Clip / METAL Q-Clip F / METAL T-Clip F tiles available with an optional lock function.
- Additional design options available as part of our **Vario Design** range.
- Used in a variety of ceiling areas: from small service rooms to large commercial office buildings and major transportation terminals.



ARMSTRONG METAL Clip-In

Q-Clip, Q-Clip F, S-Clip F, T-Clip F

Edge details		METAL Q-Clip <small>vd</small> 	METAL Q-Clip F <small>vd</small> 	METAL S-Clip F <small>vd</small> 	METAL T-Clip F <small>vd</small> 								
System		U-Profile + DP12 A-Bar	U-Profile + DP12 A-Bar	U-Profile + DP12 A-Bar	C-Channel + Spring-T								
Modules (mm)		600 x 600 625 x 625	500 x 500 600 x 300 600 x 600	625 x 312.5 625 x 625	600 x 600 900 x 300 1200 x 300 1500 x 300								
Material & perforations		Post-coated galvanised steel, 0.5 - 0.6mm											
		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								
		Global White	vd Wood effects										
			Ash	Natural Bamboo	Caramel Bamboo								
			Maple	Oak	American Cherry								
			American Walnut										
Weight		Unperforated 4.6 - 5.5 kg/m ²	Rg 2516 4.0 - 4.8 kg/m ²	Rd 1522 3.7 - 4.5 kg/m ²	Rg 0701 4.6 - 5.5 kg/m ² <i>Weight varies depending on the edge detail and acoustic infill.</i>								
Acoustics		EN ISO 354								EN ISO 10848-2	EN ISO 10140-2		
		α_w^*	Class	Frequency (Hz) α_p						NRC**	$D_{n,fw}^{***}$	R_w^{***}	CAC****
				125	250	500	1000	2000	4000				
		Unperforated	NC	0.25	0.15	0.05	0.05	0.10	0.10	0.10	44 dB	19 dB	-
		Rg 2516 + Fleece	C	0.35	0.80	0.95	0.70	0.75	0.75	0.80	18 dB	8 dB	-
		Rd 1522 + Fleece	C	0.30	0.65	0.90	0.65	0.70	0.75	0.70	16 dB	6 dB	16 dB
		Rg 0701 + Fleece	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) Euroclass A2-s2, d0 (Perforated + Acoustic Fleece) as per EN 13501-1			RUS KM1 (G1, V1, D1, T1) as per 123-FZ			<i>Values applicable for RAL 9010 only.</i>					
Light reflectance		Unperforated 85%	Rg 2516 70%	Rd 1522 65%	Rg 0701 80%	<i>Values applicable for RAL 9010 only.</i>							
Humidity resistance		90% RH											
Indoor air quality		A+	E1										
Cleanability			(TrioGuard™ only)										
Sustainability		=14%	Silver*										
Design options													
		Colours	Perforations	Acoustic Infills	Cut-Outs	Swing-Down Function	Secure Function	Clean Room	TrioGuard™				

[Previous page] METAL Q-Clip, Rd 1522, RAL 9003 (Zürich Train Station, Passage Sihlquai, Exit Europaallee, Switzerland, © Foto Lautenschlager)

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