



ARMSTRONG METAL Clip-In



- Armstrong METAL Clip-In provides a versatile and sleek design in various perforations and edge details for installation using the Armstrong U-Profile and DP12 A-Bar suspension system.
- Concealed grid for a monolithic effect
- Ease of installation (alignment) and fully demountable
- Maintenance-friendly system
- With a system height of approximately 100mm, this product can be installed in a low ceiling void
- 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.



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Edge details		METAL Q-Clip F 3mm bevel edge	METAL R-Clip Square edge	METAL R-Clip F 3mm bevel edge	METAL S-Clip F 3mm bevel edge																																																																																																										
Dimensions (mm) Additional sizes available as part of our Vario Design range		600 x 600 625 x 625	2000 x 312.5 2500 x 312.5	1200 x 600	600 x 600																																																																																																										
System		U-Profile + DP12 A-Bar																																																																																																													
Weight		Unperforated: 4.6 - 6.6 kg/m ² Rg 2516: 3.9 - 5.5 kg/m ²	Rd 1522: 3.6 - 3.7 kg/m ² Rg 0701: 4.6 - 4.7 kg/m ² Weight varies depending on the edge detail and acoustic infill.																																																																																																												
Colour & Design		Post-coated galvanised steel, 0.5mm (Q-Clip F, R-Clip F, S-Clip F) and 0.6mm (R-Clip) RAL 9010	Standard perforation Rg 2516 	Microperforation Rd 1522 	Extramicro perforation Rg 0701 																																																																																																										
Acoustics		<table><tr><th rowspan="3"></th><th rowspan="3">α_w*</th><th rowspan="3">Class</th><th colspan="7">EN ISO 354</th><th rowspan="3">NRC**</th><th>EN ISO 10848-2</th><th>EN ISO 10140-2</th></tr><tr><th colspan="7">Frequency (Hz) α_p**</th><th rowspan="2">D_{n,t,w}***</th><th rowspan="2">R_w***</th></tr><tr><th>125</th><th>250</th><th>500</th><th>1000</th><th>2000</th><th>4000</th></tr><tr><td>Unperforated</td><td>0.10(L)</td><td>NC</td><td>0.25</td><td>0.15</td><td>0.05</td><td>0.05</td><td>0.10</td><td>0.10</td><td>0.10</td><td>0.10</td><td>44 dB</td><td>19 dB</td></tr><tr><td>Rg 2516</td><td>0.15</td><td>E</td><td>0.05</td><td>0.10</td><td>0.10</td><td>0.10</td><td>0.15</td><td>0.20</td><td>0.10</td><td>0.10</td><td>13 dB</td><td>5 dB</td></tr><tr><td>Rg 2516 + Fleece</td><td>0.75(L)</td><td>C</td><td>0.35</td><td>0.80</td><td>0.95</td><td>0.70</td><td>0.75</td><td>0.75</td><td>0.80</td><td>0.80</td><td>18 dB</td><td>8 dB</td></tr><tr><td>Rd 1522</td><td>0.15</td><td>E</td><td>0.05</td><td>0.10</td><td>0.10</td><td>0.10</td><td>0.15</td><td>0.20</td><td>0.10</td><td>0.10</td><td>13 dB</td><td>5 dB</td></tr><tr><td>Rd 1522 + Fleece</td><td>0.70</td><td>C</td><td>0.30</td><td>0.65</td><td>0.90</td><td>0.65</td><td>0.70</td><td>0.75</td><td>0.70</td><td>0.70</td><td>16 dB</td><td>6 dB</td></tr><tr><td>Rg 0701 + Fleece</td><td>0.55(L)</td><td>D</td><td>0.45</td><td>0.70</td><td>0.70</td><td>0.55</td><td>0.55</td><td>0.45</td><td>0.65</td><td>0.65</td><td>21 dB</td><td>10 dB</td></tr></table> *as per EN ISO 11654 **as per EN ISO 717-1 ***as per ASTM C 423					α _w *	Class	EN ISO 354							NRC**	EN ISO 10848-2	EN ISO 10140-2	Frequency (Hz) α _p **							D _{n,t,w} ***	R _w ***	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	0.10	44 dB	19 dB	Rg 2516	0.15	E	0.05	0.10	0.10	0.10	0.15	0.20	0.10	0.10	13 dB	5 dB	Rg 2516 + Fleece	0.75(L)	C	0.35	0.80	0.95	0.70	0.75	0.75	0.80	0.80	18 dB	8 dB	Rd 1522	0.15	E	0.05	0.10	0.10	0.10	0.15	0.20	0.10	0.10	13 dB	5 dB	Rd 1522 + Fleece	0.70	C	0.30	0.65	0.90	0.65	0.70	0.75	0.70	0.70	16 dB	6 dB	Rg 0701 + Fleece	0.55(L)	D	0.45	0.70	0.70	0.55	0.55	0.45	0.65	0.65	21 dB	10 dB
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Fire reaction		Euroclass A2-s2, d0 (Perforated + Acoustic Fleece) Euroclass A1 (Unperforated / Perforated + No Infill) as per EN 13501-1				RUS KM1 (G1, V1, D1, T1) as per 123-FZ																																																																																																									
Light reflectance		Unperforated: 85%	Rg 2516: 70%	Rd 1522: 65%	Rg 0701: 80%																																																																																																										
Thermal conductivity		λ = 0.244 W/mk (Unperforated / perforated + No Infill) as per EN 12667 λ = 0.163 W/mk (Perforated + Fleece) as per EN 12667																																																																																																													
Humidity resistance		95% RH																																																																																																													
Clean room		ISO 3 (METAL Q-Clip F Unperforated) ISO 5 (METAL R-Clip F Unperforated) as per EN ISO 14644-1																																																																																																													
Indoor air quality		 A+	 E1																																																																																																												
Cleanability																																																																																																															
Sustainability		 30%																																																																																																													
Design options		Additional design options available as part of our Vario Design range. Please contact us for further information.																																																																																																													
	Swing-Down	Secure Function	Dimensions	Colours	Perforations	Acoustic Infills																																																																																																									
	Cut-Outs	BioGuard	TrioGuard																																																																																																												

Products may vary from country to country. Please contact your local sales representative.
For further information and legal notice, please visit our website.