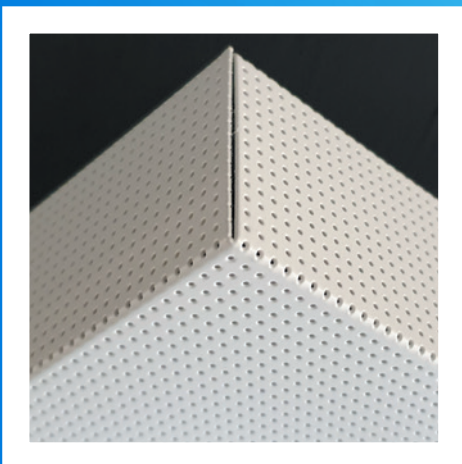




Floating Canopy Systems

ARMSTRONG METAL D-Clip, D-H 700

Grouped




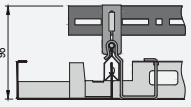
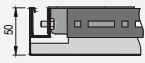









































- **Armstrong METAL D-Clip** and **Armstrong METAL D-H 700** systems are floating modular solutions for optimum flexibility. The product range features Clip-In and Hook-On rectangular panels that can be arranged to create distinctive design elements. In combination with Knauf Ceiling Solutions suspension systems it allows a minimal-height installation without any extra engineering required.
- Modular concept for optimum flexibility with fully configurable large size panels. Installed in a row or as a single item.
- Standard, end and single panels available.
- Modern absorber solution for exposed concrete soffit.
- **METAL D-Clip** with optional swing-down function or lock function.
- **METAL D-H 700** is suitable for chilled ceilings.
- Additional design options available as part of our **Vario Design** range.
- Ideal for offices, meeting rooms, retail, auditoriums, multi-purpose halls and cafeterias.



Floating Canopy Systems

ARMSTRONG METAL D-Clip, D-H 700

Grouped

Edge details	 METAL D-Clip <small>VD</small> 	METAL D-H 700 <small>VD</small> 																																																																																										
System	U-Profile + DP12 A-Bar	U-Profile (cross connected)																																																																																										
Dimensions (mm)	Panel length: 600 - 2500 Panel width: 250 - 600 Max size (m ²): 1.5	Panel length: 600 - 2750 (in steps of 25mm) Panel width: 250 - 600 (in steps of 25mm) Max size (m ²): 1.65																																																																																										
Material & perforations	Post-coated galvanised steel, 0.6 - 0.7mm																																																																																											
	 Unperforated	 Standard perforation Rg 2516 <small>∅: 2.5mm Open area: 16%</small>	 Micro-perforation Rd 1522 <small>∅: 1.5mm Open area: 22%</small>	 Extramicro perforation Rg 0701 <small>∅: 0.7mm Open area: 1.5%</small>																																																																																								
	Other perforations																																																																																											
	 Rd 1511	 Rg 1511	 Rg 1821	 Rg 3013	 Qg 4025																																																																																							
Colours	 RAL 9010		Other colours																																																																																									
	 RAL 9003	 RAL 9005	 RAL 9006	 RAL 9007	 RAL 9016	 Global White	Wood effects		 Ash	 Natural Bamboo	 Caramel Bamboo	 Maple	 Oak	 American Cherry	 American Walnut																																																																													
Weight	Unperforated 6.4 - 9.5 kg/m ²	Rg 2516 5.6 - 8.8 kg/m ²	Rd 1522 5.3 - 8.5 kg/m ²	Rg 0701 6.3 - 9.4 kg/m ²	Weight varies depending on the edge detail and acoustic infill.																																																																																							
Acoustics	<table border="1"> <thead> <tr> <th rowspan="3"></th> <th colspan="9">EN ISO 354</th> <th>EN ISO 10848-2</th> <th>EN ISO 10140-2</th> </tr> <tr> <th rowspan="2">α_w^*</th> <th rowspan="2">Class</th> <th colspan="6">Frequency (Hz) α_p</th> <th rowspan="2">NRC**</th> <th rowspan="2">$D_{n,tw}^{***}$</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> </thead> <tbody> <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 + 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 + 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> </tbody> </table>												EN ISO 354									EN ISO 10848-2	EN ISO 10140-2	α_w^*	Class	Frequency (Hz) α_p						NRC**	$D_{n,tw}^{***}$	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 + 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 + 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
	EN ISO 354									EN ISO 10848-2	EN ISO 10140-2																																																																																	
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	* as per EN ISO 11654			** as per ASTM C 423-01			*** as per EN ISO 717-1																																																																																					
Fire reaction	Euroclass A1 (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			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+	 E1																																																																																										
Cleanability							(TrioGuard™ only)																																																																																					
Sustainability	 <small>EN ISO 14021</small> ≈14%	 <small>EN ISO 15606</small> Silver*					*Value applicable for RAL 9010 solutions only.																																																																																					
Design options	 Dimensions	 Colours	 Perforations	 Acoustic Infills	 Cut-Outs	 Swing-Down Function	 Secure Function	 TrioGuard™																																																																																				

[Previous page] METAL D-H 700, Rd 1522, RAL 9010 (Siemens, Rome, Italy, ©Beppe Raso)

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