



Exposed Grid Systems

## ARMSTRONG METAL Lay-In





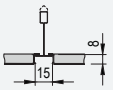
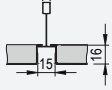
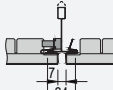




















































MicroLook, Axal Vector



- **Armstrong METAL MicroLook** is available in a variety of edge details for installation on standard 15mm suspension systems.
- Easily assembled and fully demountable to allow access to the ceiling void.
- **Armstrong METAL Axal Vector** is an easy to install and flexible system which offers a diversity of design and applications, and can be installed with a very low void depth.
- Semi-concealed solution with 7mm reveal detailing for a monolithic effect.
- Downwardly accessible and easy to install/remove without tools.
- 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.



Exposed Grid Systems  
**ARMSTRONG METAL Lay-In**  
 MicroLook, Axal Vector

<b>Edge details</b>		<b>METAL MicroLook 8</b> 	<b>METAL MicroLook 16</b> 	<b>METAL Axal Vector</b> 									
													
<b>System</b>		Exposed demountable - System C (15mm T-Grid)	Exposed demountable - System C (15mm T-Grid)	Semi-concealed demountable - System C (24mm T-Grid)									
<b>Modules (mm)</b>		500 x 500 600 x 600 675 x 675 750 x 750 1200 x 300 1200 x 600	500 x 500 600 x 600 675 x 675 750 x 750	500 x 500 600 x 300 600 x 600 675 x 675 750 x 750									
<b>Material &amp; perforations</b>		Post-coated galvanised steel, 0.5 - 0.6mm											
													
	Unperforated	Standard perforation <b>Rg 2516</b> Ø: 2.5mm Open area: 16%	Micro-perforation <b>Rd 1522</b> Ø: 1.5mm Open area: 22%	Extramicro perforation <b>Rg 0701</b> Ø: 0.7mm Open area: 1.5%									
	<b>VD Other perforations</b>												
													
	Rd 1511	Rg 1511	Rg 1821	Rg 3013									
													
	Qg 4025												
<b>Colours</b>		RAL 9010											
	<b>VD Other colours</b>												
													
	RAL 9003	RAL 9005	RAL 9006	RAL 9007									
													
	RAL 9016	Global White											
	<b>VD Wood effects*</b> <span style="float: right;">*Tiles only.</span>												
													
	Ash	Natural Bamboo	Caramel Bamboo	Maple									
													
	Oak	American Cherry	American Walnut										
<b>Weight</b>		<b>Unperforated</b> 4.0 - 5.5 kg/m <sup>2</sup>	<b>Rg 2516</b> 3.4 - 4.8 kg/m <sup>2</sup>	<b>Rd 1522</b> 3.2 - 4.5 kg/m <sup>2</sup>									
				<b>Rg 0701</b> 4.0 - 5.5 kg/m <sup>2</sup>									
				Weight varies depending on the edge detail and acoustic infill.									
<b>Acoustics</b>		EN ISO 354								EN ISO 10848-2	EN ISO 10140-2		
		$\alpha_w^*$	Class	Frequency (Hz) $\alpha_p$						NRC**	$D_{n,f,w}^{***}$	$R_w^{***}$	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			
<b>Fire reaction</b>		Euroclass <b>A1</b> (Unperforated / Perforated + No Infill) Euroclass <b>A2-s2, d0</b> (Perforated + Acoustic Fleece) as per EN 13501-1		<b>RUS KM1 (G1, V1, D1, T1)</b> as per 123-FZ				Values applicable for RAL 9010 only.					
<b>Light reflectance</b>		<b>Unperforated</b> 85%	<b>Rg 2516</b> 70%	<b>Rd 1522</b> 65%	<b>Rg 0701</b> 80%	Values applicable for RAL 9010 only.							
<b>Humidity resistance</b>		<b>90% RH</b>											
<b>Indoor air quality</b>													
		A+	E1										
<b>Cleanability</b>							(TrioGuard™ only)						
							(TrioGuard™ only)						
<b>Sustainability</b>													
													
		≈14%	Silver*										
<b>Design options</b>							METAL Axal Vector		METAL Axal Vector				
		Dimensions	Colours	Perforations	Acoustic Infills	Cut-Outs	Secure Function		TrioGuard™				

[Previous page] METAL Axal Vector (Sheremetyevo Airport, Moscow, Russia, ©Mikhail Feller, Stoppamedia)

**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](http://knaufceilingsolutions.com)