



Exposed Grid Systems

ARMSTRONG METAL Lay-In Board, Tegular



- **Armstrong METAL Lay-In** is available in a variety of edge details for installation on standard 24mm suspension systems.
- Easily assembled and fully demountable to allow access to the ceiling void.
- Cost effective ceiling solution.
- 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 Lay-In

Board, Tegular

Edge details		METAL Board <small>vd</small> 	METAL Tegular 2 <small>vd</small> 	METAL Tegular 8 <small>vd</small> 	METAL Tegular 11F <small>vd</small> 	METAL Tegular 16 <small>vd</small> 							
System		Exposed demountable - System C (24mm or 15mm T-Grid, butt-cut)	Exposed demountable - System C (24mm T-Grid, butt-cut)	Exposed demountable - System C (24mm T-Grid)	Exposed demountable - System C (24mm T-Grid)	Exposed demountable - System C (24mm T-Grid)							
Modules (mm)		600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625	500 x 500 600 x 600 675 x 675 1200 x 300 1200 x 600	600 x 600 625 x 625 1200 x 600	500 x 500 600 x 600 675 x 675 750 x 750							
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	RAL 9016							
		Global White		vd Wood effects* <small>*Tiles only.</small>									
		Ash	Natural Bamboo	Caramel Bamboo	Maple	Oak							
		American Cherry	American Walnut										
Weight		Unperforated 3.9 - 4.9 kg/m ²	Rg 2516 3.3 - 4.3 kg/m ²	Rd 1522 3.1 - 4.1 kg/m ²	Rg 0701 3.9 - 4.9 kg/m ²	Weight varies depending on the edge detail and acoustic infill.							
Acoustics		EN ISO 354								EN ISO 10848-2	EN ISO 10140-2		
		α_w^*	Class	Frequency (Hz) α_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		
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			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+	E1										
Cleanability													
Sustainability		≈14%	Silver*	*Value applicable for RAL 9010 only.									
Design options									METAL Tegular				

[Previous page] METAL Tegular 8, Rd 1522 (Bari Airport, Italy, ©Filippo di Pretoro)

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