KNAUF CEILING Solutions

ARMSTRONG METAL Lay-In

- Armstrong METAL Lay-In is available in a variety of edge details for installation on standard 15 and 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.

ISO 9001 ISO 14001

knaufceilingsolutions.com

Armstrong CEILING SOLUTIONS

ARMSTRONG METAL LAY-IN

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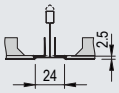
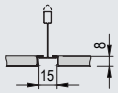
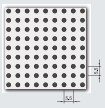
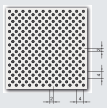
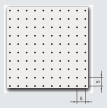
Edge details	METAL Board 	METAL Tegular 2 	METAL Tegular 8 	METAL MicroLook 8 
Dimensions (mm)	600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625	600 x 600 1 200 x 600	600 x 600 1200 x 600
System	Exposed demountable - System C (Board, Tegular 2: butt-cut)			
Weight	**Unperforated:** 4.0 - 4.3 kg/m²	**Rd 1522:** 3.1 - 3.7 kg/m²	Weight varies depending on the edge detail and acoustic infill.	
	Rg 2516: 3.3 - 4.1 kg/m²	**Rg 0701:** 4.2 - 4.3 kg/m²		
Colour & Design	Post-coated galvanised steel, 0.5mm RAL 9010	Standard perforation Rg 2516 	Microperforation Rd 1522 	Extramicro perforation Rg 0701 

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***
			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	44 dB	19 dB
Rg 2516	0.15	E	0.05	0.10	0.10	0.10	0.15	0.20	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	18 dB	8 dB
Rd 1522	0.15	E	0.05	0.10	0.10	0.10	0.15	0.20	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	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	21 dB	10 dB

*as per EN ISO 11654 **as per EN ISO 717-1 ***as per ASTM C 423

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**	
Indoor air quality	A+ E1	
Cleanability	 (Unperforated only)	
Sustainability	30%	
Design Options	Additional design options available as part of our **Vario Design** range. Please contact us for further information.	

Dimensions Colours Perforations Acoustic Infills Cut-Outs BioGuard

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

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