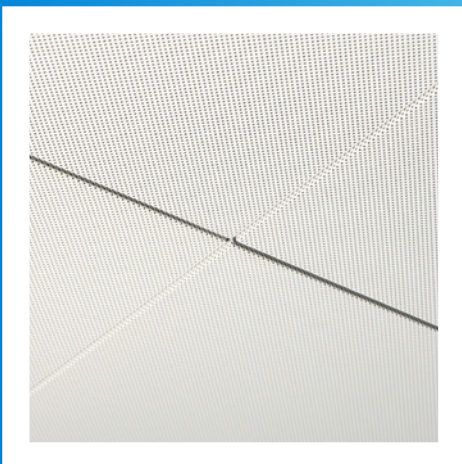




Concealed Grid Systems

ARMSTRONG METAL Hook-On

R-H 200, Q-H 100 F, R-H 215, R-H 220, Q-H 120 F



- Armstrong METAL Hook-On provides a versatile and simple design with excellent acoustic performance benefits.
- Concealed grid for a monolithic effect.
- Excellent acoustic performance.
- Ease of installation (alignment) and fully demountable.
- Easy access to the ceiling void.
- Maintenance friendly system.
- METAL R-H 200 is available in trapezoidal shapes for radial ceilings.
- Fully configurable large size panels and cost effective square tile alternatives available.
- 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 Hook-On

R-H 200, Q-H 100 F, R-H 215, R-H 220, Q-H 120 F

Edge details		METAL R-H 200 <small>vd</small> 	METAL Q-H 100 F <small>vd</small> 	METAL R-H 215 <small>vd</small> 	METAL R-H 220 <small>vd</small> 	METAL Q-H 120 F <small>vd</small> 							
System		U-Profile + J-Bar	U-Profile + J-Bar	U-Profile + H-Profile 35mm	U-Profile + H-Profile 28mm	U-Profile + H-Profile 28mm							
Dimensions/ Modules (mm)		Panel length: 600 - 3300 Panel width: 247 - 1350 Max size (m ²): 2	600 x 600 625 x 625	Panel length: 600 - 3300 Panel width: 247 - 1350 Max size (m ²): 2	Panel length: 600 - 3300 Panel width: 247 - 1350 Max size (m ²): 2	625 x 625							
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				vd Wood effects						
		RAL 9003	RAL 9005	RAL 9006	RAL 9007	RAL 9016	Global White						
				Ash	Natural Bamboo	Caramel Bamboo	Maple	Oak	American Cherry	American Walnut			
Weight		Unperforated 4.5 - 8.1 kg/m ²	Rg 2516 3.9 - 7.3 kg/m ²	Rd 1522 3.7 - 7.1 kg/m ²	Rg 0701 4.5 - 8.0 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,tw} ***	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 + No Gasket; except METAL Q-H 100 F) Euroclass A2-s2, d0 (Perforated + Acoustic Fleece + No Gasket; except METAL Q-H 100 F) Euroclass B-s1, d0 (Perforated + Acoustic Fleece + Gasket; except METAL Q-H 120 F) 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+ (only without gasket)	E1										
Cleanability			(TrioGuard™ only)										
Sustainability		≈14%	Silver*									*Value applicable for RAL 9010 only.	
Design options								METAL R-H 200 Seismic, METAL R-H 215 Seismic	METAL R-H 200 Impact Resistance	METAL R-H 200	METAL R-H 200, METAL Q-H 100 F, METAL R-H 215, METAL R-H 220	METAL R-H 200, METAL R-H 215	METAL R-H 200

[Previous page] METAL R-H 200 (Rathaus St. Gallen, Switzerland, © Beat Bühler)

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