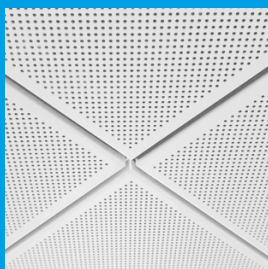


KNAUF

METAL R-H 200, Q-H 100 F, R-H 215

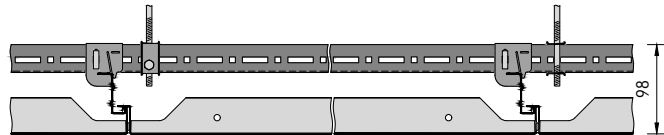
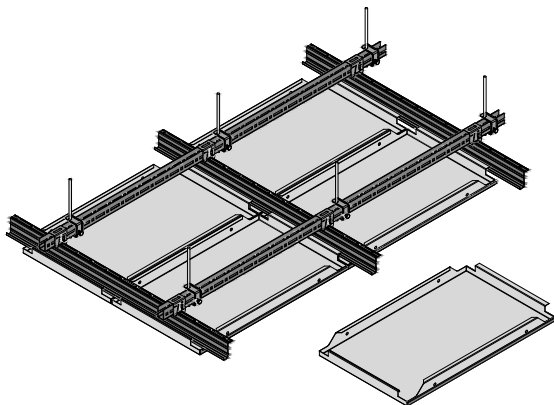
Concealed Grid



© Stefan Zürer

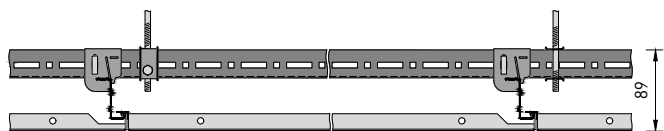
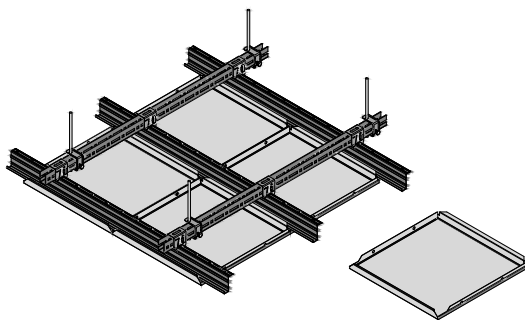
- Hook-on panels provide a versatile and simple design with excellent acoustic performance benefits.
- Concealed grid for a monolithic effect.
- Fully configurable large size panels and cost effective square tile alternatives available.
- Additional design options available as part of our Vario Design range.
- Used in a variety of ceiling areas: from small service rooms to large commercial office buildings and major transportation terminals.

Build on us.

METAL R-H 200


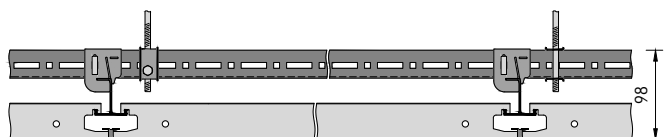
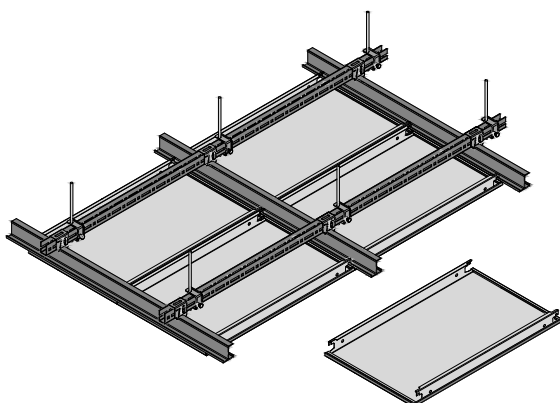
Tiles	
Material	post-coated galvanised steel 0.6 / 0.7 mm
Edge detail	square edged hook-on, with 3 mm gasket on long and short edge
Dimensions	length (A) 600 - 3300 mm / width (B) 247 - 1350 mm
Panel size	max. 2 m ²

Suspension system	
Standard	U-Profile + J-Bar
Optional	various, on request
Features	security clip perimeter panels, long side suspended panels for staggered layouts bespoke and radial layout with trapezoidal panels curved ceiling layouts with curved panels

METAL Q-H 100 F


Tiles	
Material	post-coated galvanised steel 0.5 mm
Edge detail	2 mm bevel hook-on, with 2 mm gasket on long and short edge
Modules	600 x 600, 625 x 625 mm

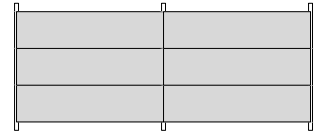
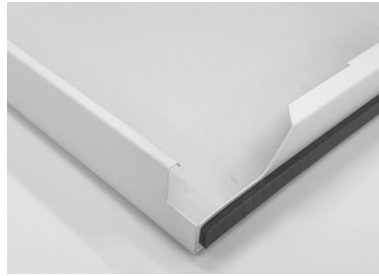
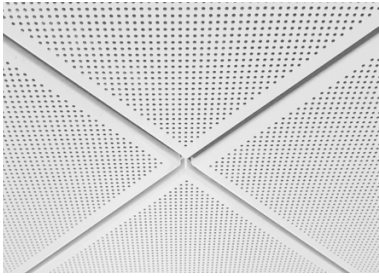
Suspension system	
Standard	U-Profile + J-Bar
Optional	various, on request
Features	security bracket

METAL R-H 215


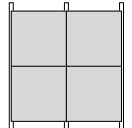
Tiles	
Material	post-coated galvanised steel 0.6 / 0.7 mm
Edge detail	square edged hook-on, with 3 mm gasket on long and short edge
Dimensions	length (A) 600 - 3300 mm / width (B) 247 - 1350 mm
Panel size	max. 2 m ²

Suspension system	
Standard	U-Profile + H-Profile 35
Features	security clip perimeter panels curved ceiling layouts with segmented panels

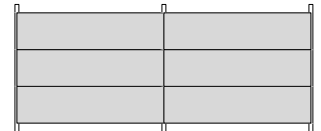
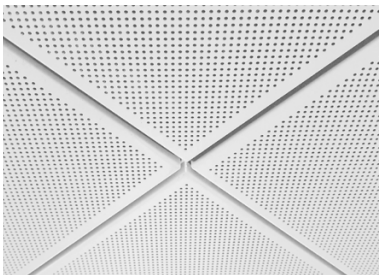
METAL R-H 200



METAL Q-H 100 F



METAL R-H 215



Security clip options

For METAL R-H 200



For METAL R-H 215



With both solutions it is possible to extract a panel from the fully installed ceiling. An extraction tool is required for this.

Service access opening option

For METAL R-H 215



This solution is intended for individual panels, but can also be used for the entire ceiling surface and is only intended as a service access opening, without additional weights in the panels.

	VarioDesign options on request										Features & performances						
	Dimensions	Shapes	Post-coated aluminium	Perforations	RAL & NCS colours	BioGuard finish	Wood effect finish	Acoustic infills	Cut-outs	Grid alternatives	Secure function	Swing-down function	Clean room*	Seismic*	Impact resistance*	Suitable for chilled ceilings	Exterior*
METAL R-H 200	■	■	■	■	■	■	■	■	■	■	■			■	■	■	
METAL Q-H 100 F			■	■	■	■	■	■	■	■	■						
METAL R-H 215	■	■	■	■	■	■	■	■	■		■	■		■			

* see separate datasheet

Characteristic	Detailed information														
Colour / Perforations															
		RAL 9016	RAL 9010	RAL 9006	RAL 9007	RAL 9005	Unperforated			Rg 0701	Rg 0704	Rd 1522	Rg 2516		
		further RAL & NCS colours on request					further options see acoustic datasheet								
Acoustic infills		Black acoustic fleece VLSRX											further options see acoustic datasheet		
Weight		3.8 - 6.7 kg/m²													
		Weight varies depending on the perforation and acoustic infill.													
Acoustics			EN ISO 354								EN ISO 10848-2	EN ISO 10140-2			
		α_w	Cavity [mm]	Class	Frequency (Hz) α_p						NRC	$D_{n,w}$ [dB]	R_w [dB]	CAC [dB]	
					125	250	500	1000	2000	4000					
		Unperforated	0.10(L)	200	NC	0.40	0.20	0.10	0.10	0.10	0.15	0.15	34	19	35
		Rg 0701 + VLSRX	0.65(LM)	200	C	0.50	0.85	0.90	0.65	0.60	0.50	0.75	19	10	20
		Rg 0704 + VLSRX	0.80(L)	200	B	0.45	0.85	0.95	0.75	0.75	0.70	0.85	19	10	19
		Rd 1522 + VLSRX	0.60	200	C	0.25	0.60	0.75	0.50	0.60	0.60	0.60	14	6	15
		Rg 2516 + VLSRX	0.70	200	C	0.30	0.70	0.85	0.60	0.70	0.70	0.70	16	6	16
		α_w : as per EN ISO 11654 / NRC: as per ASTM C 423-01 / $D_{n,w}$: as per EN ISO 717-1 / CAC: as per ASTM E 413-10													
Fire reaction		Unperforated: Euroclass A1 ; Rg 0701 / Rg 0704 with acoustic fleece VLSRX: Euroclass A2-s1, d0 ; Rd 1522 / Rg 2516 with acoustic fleece VLSRX: Euroclass A2-s2, d0 ; as per EN 13501-1													
Light reflectance		RAL 9010 unperforated: 85% ; RAL 9010 Rd 1522: 66% ;				RAL 9010 Rg 0701: 83% ; RAL 9010 Rg 2516: 73%				RAL 9010 Rg 0704: 82% ;					
Humidity resistance		90% RH													
Indoor air quality															
		A+	E1	IAC Gold											
Sustainability/ Cleanability															
		17.3% (2023)													