

KNAUF

METAL **R-L201, B-L302,** **B-H300, K-H400**

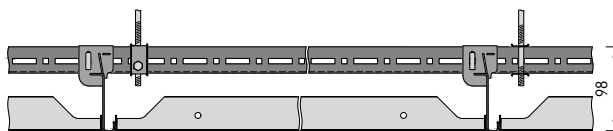
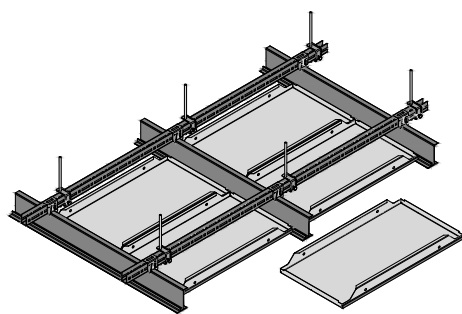
Exposed Grid



© Insightful Environments

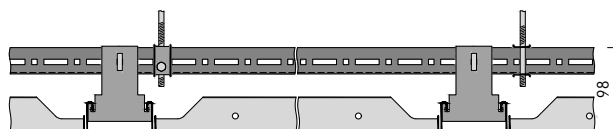
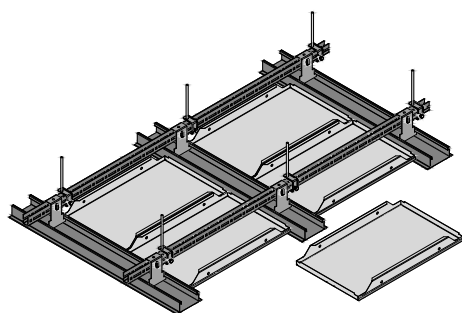
Build on us.

- Lay-in and hook-on systems which combine functionality with stylish simplicity and versatility by creating a linear technical zone.
- Fully configurable large size panels.
- Additional design options available as part of our Vario Design range.
- Ideal for large spaces and office environments.

METAL R-L 201

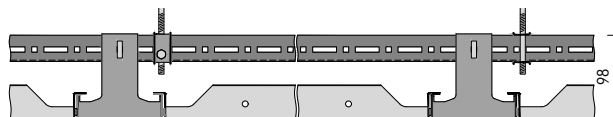
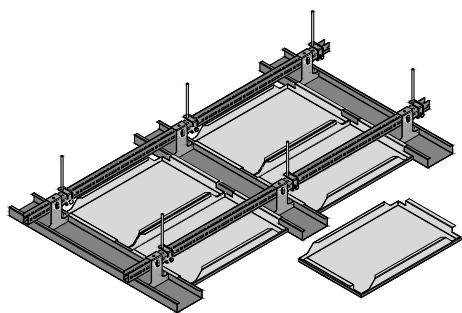
Panels	
Material	post-coated galvanised steel 0.6 / 0.7 mm
Edge detail	square edged lay-in, with 3 mm gasket on long edge
Dimensions	length (A) 600 - 3300 mm / width (B) 247 - 1350 mm
Panel size	max. 2 m ²

Suspension system	
Standard	U-Profile + L-Profile 38 mm
Optional	various, on request
Features	radial layout with trapezoidal panels

METAL B-L 302

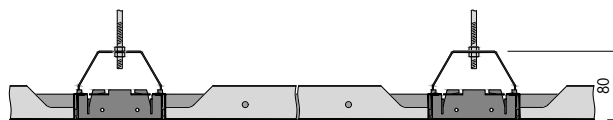
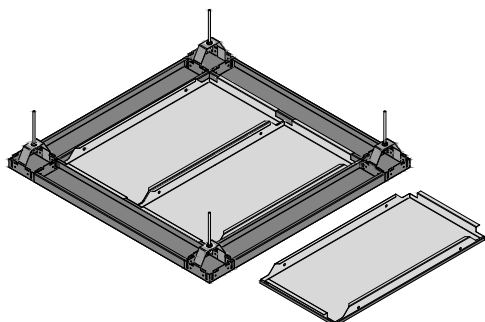
Panels	
Material	post-coated galvanised steel 0.6 / 0.7 mm
Edge detail	square edged lay-in, with 3 mm gasket on long edge
Dimensions	length (A) 600 - 3300 mm / width (B) 247 - 1350 mm
Panel size	max. 2 m ²

Suspension system	
Standard	U-Profile + Bandraster 100 mm
Features	crossing Bandraster for tartan layout radial layout with trapezoidal panels

METAL B-H 300

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

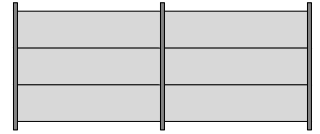
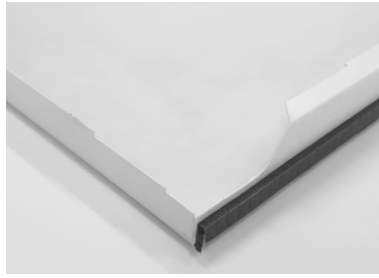
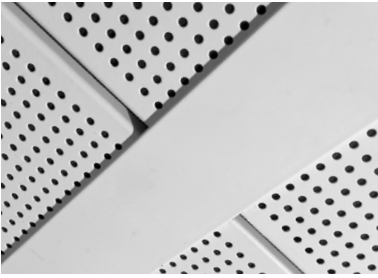
Suspension system	
Standard	U-Profile + C-Profile 100 mm
Optional	C-Profile widths (50 - 300 mm) and further suspension options
Features	hinge-down function EASY and HOOK, swing-down function SWING crossing C-Profile for tartan layout radial layout with trapezoidal panels

METAL K-H 400

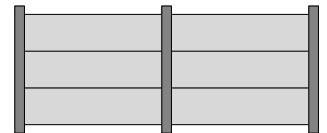
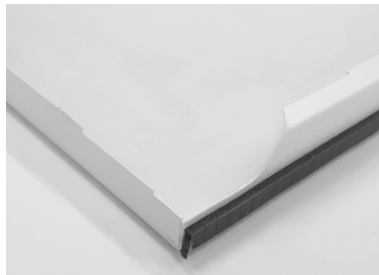
Panels	
Material	post-coated galvanised steel 0.6 / 0.7 mm
Edge detail	square edged hook-on, with 3 mm gasket on long edge and both short edges
Dimensions	length (A) 600 - 2850 mm / width (B) 247 - 1350 mm
Panel size	max. 2 m ²

Suspension system	
Standard	Crossing box & C-Profile 100 mm
Optional	Crossing box & C-Profile widths (70 - 300 mm) and shapes
Features	hinge-down function EASY and HOOK, swing-down function SWING various layout options

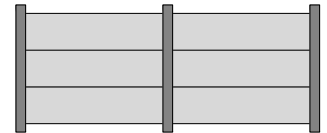
METAL R-L 201



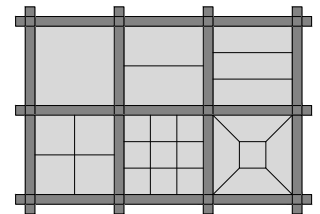
METAL B-L 302



METAL B-H 300

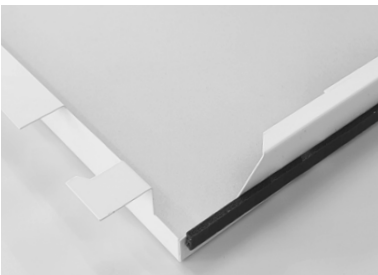


METAL K-H 400

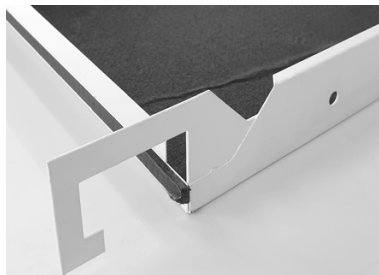


METAL B-H 300 & METAK K-H 400 panel options

Hinge-down function EASY



Hinge-down function HOOK



Swing-down function SWING



	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
METAL R-L 201	■	■	■	■	■	■	■	■	■	■					■	
METAL B-L 302	■	■	■	■	■	■	■	■	■	■						
METAL B-H 300	■	■	■	■	■	■	■	■	■	■		■	■		■	
METAL K-H 400	■	■	■	■	■	■	■	■	■	■		■			■	

* see separate datasheet

Characteristic	Detailed information																																																																																																																							
Colour / Perforations	RAL 9016 RAL 9010 RAL 9006 RAL 9007 RAL 9005 further RAL & NCS colours on request	Unperforated Rg 0701 Rg 0704 Rd 1522 Rg 2516 further options see acoustic datasheet																																																																																																																						
Acoustic infills	Black acoustic fleece VLSRX further options see acoustic datasheet																																																																																																																							
Weight	5.0 - 6.9 kg/m² Weight varies depending on the perforation and acoustic infill.																																																																																																																							
Acoustics	<table border="1"> <thead> <tr> <th rowspan="3"></th> <th colspan="10">EN ISO 354</th> <th>EN ISO 10848-2</th> <th>EN ISO 10140-2</th> </tr> <tr> <th rowspan="2">α_w</th> <th rowspan="2">Cavity [mm]</th> <th rowspan="2">Class</th> <th colspan="6">Frequency (Hz) α_p</th> <th rowspan="2">NRC</th> <th rowspan="2">$D_{n,w}$ [dB]</th> <th rowspan="2">R_w [dB]</th> <th rowspan="2">CAC [dB]</th> </tr> <tr> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>Unperforated</td> <td>0.10(L)</td> <td>200</td> <td>NC</td> <td>0.40</td> <td>0.20</td> <td>0.10</td> <td>0.10</td> <td>0.10</td> <td>0.10</td> <td>0.15</td> <td>0.15</td> <td>34</td> <td>19</td> <td>35</td> </tr> <tr> <td>Rg 0701 + VLSRX</td> <td>0.65(LM)</td> <td>200</td> <td>C</td> <td>0.50</td> <td>0.85</td> <td>0.90</td> <td>0.65</td> <td>0.60</td> <td>0.50</td> <td>0.75</td> <td>0.75</td> <td>19</td> <td>10</td> <td>20</td> </tr> <tr> <td>Rg 0704 + VLSRX</td> <td>0.80(L)</td> <td>200</td> <td>B</td> <td>0.45</td> <td>0.85</td> <td>0.95</td> <td>0.75</td> <td>0.75</td> <td>0.70</td> <td>0.85</td> <td>0.85</td> <td>19</td> <td>10</td> <td>19</td> </tr> <tr> <td>Rd 1522 + VLSRX</td> <td>0.60</td> <td>200</td> <td>C</td> <td>0.25</td> <td>0.60</td> <td>0.75</td> <td>0.50</td> <td>0.60</td> <td>0.60</td> <td>0.60</td> <td>0.60</td> <td>14</td> <td>6</td> <td>15</td> </tr> <tr> <td>Rg 2516 + VLSRX</td> <td>0.70</td> <td>200</td> <td>C</td> <td>0.30</td> <td>0.70</td> <td>0.85</td> <td>0.60</td> <td>0.70</td> <td>0.70</td> <td>0.70</td> <td>0.70</td> <td>16</td> <td>6</td> <td>16</td> </tr> </tbody> </table> <p>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</p>														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	0.10	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	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	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	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	0.70	16	6	16
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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	EN ISO 14001 EN 15804 Cradle to Cradle Silver 17.3% (2023)																																																																																																																							
Cleanability																																																																																																																								