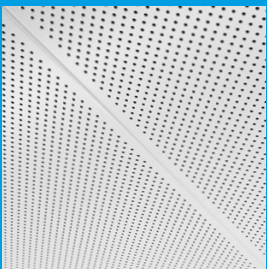


KNAUF

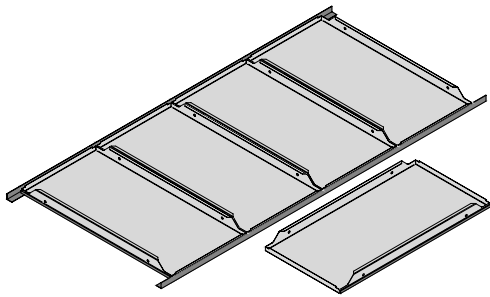
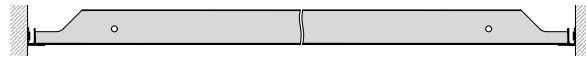
METAL **F-L 601, F-Clip,** **F-H 600,** **F-H 600 Swing** *Free Span Corridor Solutions*



© Foto Lautenschlager

- These lay-in, clip-in or hook-on are rectangular panel free-span solutions that simply span between the walls, allowing for easy installation and access to services.
- Adjustable perimeter shadow gap detailing for METAL F-Clip, METAL F-H 600 and METAL F-H 600 Swing.
- Maintenance-friendly system with easy, quick access to ceiling void due to swing-down functions.
- Additional design options available as part of our Vario Design range.
- Used in corridors where the panels simply span between walls.

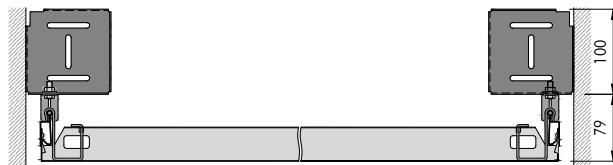
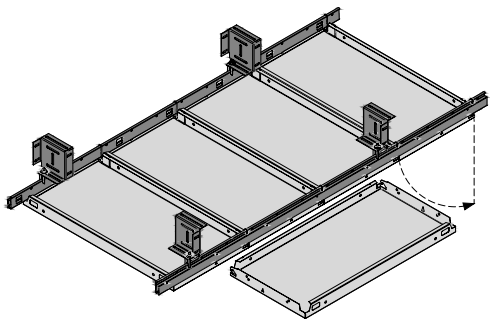
Build on us.

METAL F-L 601**L-perimeter trim option****Shadowline perimeter trim option**

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 m²

Suspension system

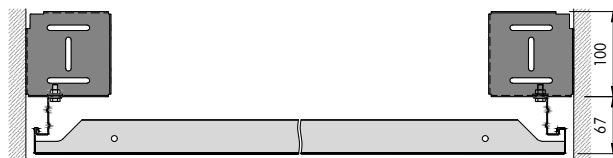
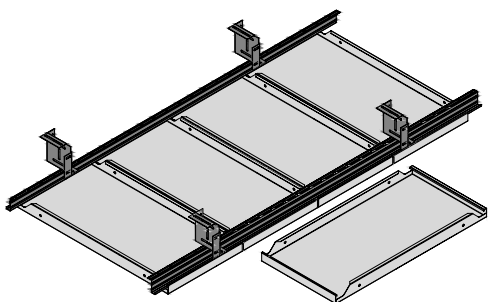
Standard L-perimeter trim range
Optional shadowline perimeter trim range for a minimal installation height

METAL F-Clip

Panels
Material post-coated galvanised steel 0.6 / 0.7 mm
Edge detail square edged clip-in
Dimensions length (A) 600 - 2500 mm / width (B) 250 - 600 mm
Panel size max. 1.5 m²

Suspension system

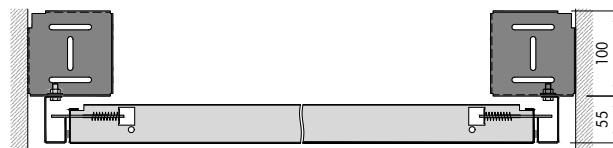
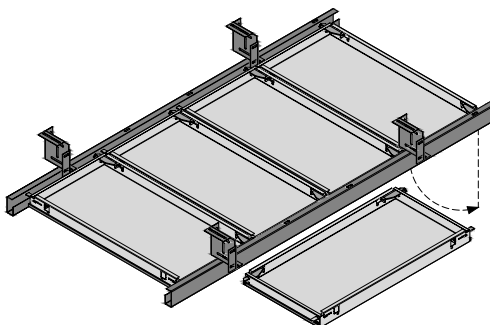
Standard Wall bracket + half DP12 A-Bar (2 - 80 mm open shadow gap to wall)
Optional Wall bracket + DP12 A-Bar (10 - 89 mm open shadow gap to wall)
Features swing-down function ACCESS, security clip

METAL F-H 600

Panels
Material post-coated galvanised steel 0.6 / 0.7 mm
Edge detail square edged hook-on
Dimensions length (A) 600 - 3300 mm / width (B) 247 - 1350 mm
Panel size max. 2 m²

Suspension system

Standard Wall bracket + J-Bar (5 - 65 mm open shadow gap to wall)
Features security bracket

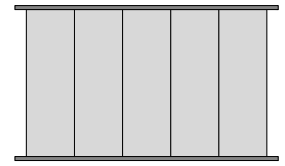
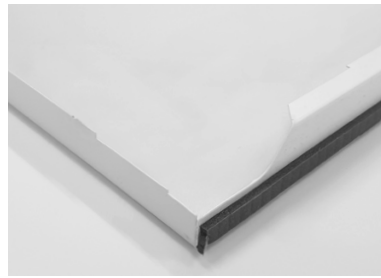
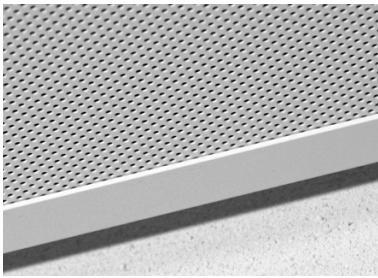
METAL F-H 600 Swing

Panels
Material post-coated galvanised steel 0.6 / 0.7 mm
Edge detail square edged hook-on, with 3 mm gasket on long and both short sides
Dimensions length (A) 600 - 3300 mm / width (B) 247 - 1350 mm
Panel size max. 2 m²

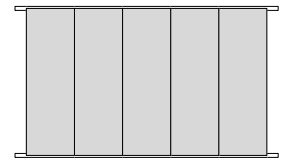
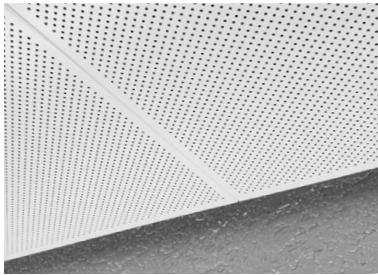
Suspension system

Standard Wall bracket + G-Profile 25 mm (5 - 65 mm open shadow gap to wall)
Features swing-down function SWING

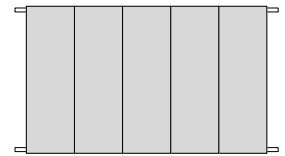
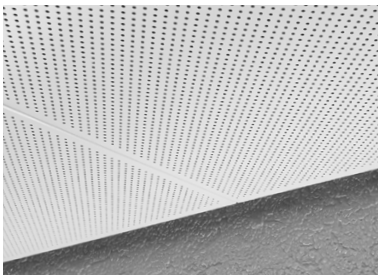
METAL F-L 601



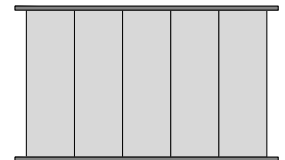
METAL F-Clip



METAL F-H 600

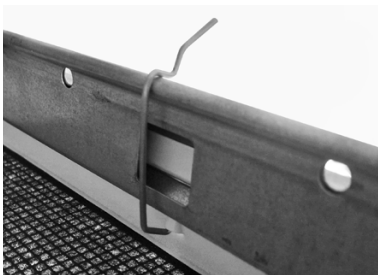


METAL F-H 600 Swing



Security clip / bracket options

For METAL F-Clip

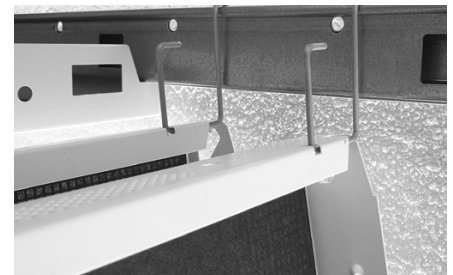


For METAL F-H 600



Swing-down function Access

For METAL F-Clip



	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 F-L 601	■	■	■	■	■	■	■	■	■								
METAL F-Clip	■		■	■	■	■	■	■	■	■	■						
METAL F-H 600	■	■	■	■	■	■	■	■	■							■	
METAL F-H 600 Swing	■		■	■	■	■	■	■	■			■				■	

* 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/m Weight varies depending on the perforation and acoustic infill.																																																																																																													
Acoustics	<table border="1"> <thead> <tr> <th rowspan="3"></th> <th rowspan="3">α_w</th> <th rowspan="3">Cavity [mm]</th> <th rowspan="3">Class</th> <th colspan="6">EN ISO 354</th> <th rowspan="3">NRC</th> <th>EN ISO 10848-2</th> <th>EN ISO 10140-2</th> <th rowspan="3">CAC [dB]</th> </tr> <tr> <th colspan="6">Frequency (Hz) α_w</th> <th rowspan="2">D_{n,f,w} [dB]</th> <th rowspan="2">R_w [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>0.15</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>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>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>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>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,f,w}: as per EN ISO 717-1 / CAC: as per ASTM E 413-10</p>													α_w	Cavity [mm]	Class	EN ISO 354						NRC	EN ISO 10848-2	EN ISO 10140-2	CAC [dB]	Frequency (Hz) α_w						D _{n,f,w} [dB]	R _w [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
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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 14021 ISO 9001 EN 15804 cradle to cradle SILVER 17.3% (2023)																																																																																																													
Cleanability																																																																																																														