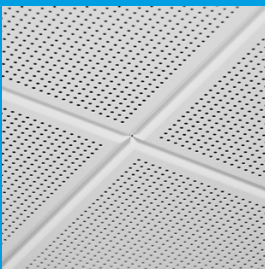


KNAUF

METAL T-Clip F

Concealed Grid

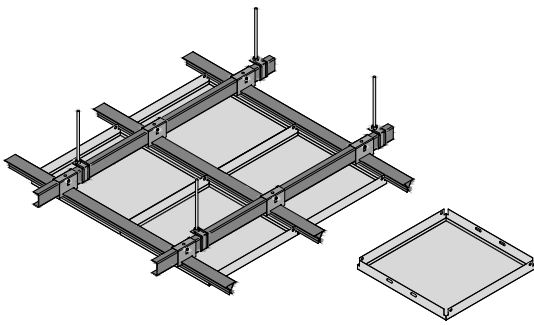


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- Clip-in tiles provide a versatile and sleek design in various perforations.
- Concealed grid for a monolithic effect.
- Additional design options available as part of our Vario Design range.
- Used in a variety of ceiling areas: from small to large commercial office buildings and major transportation terminals.

Build on us.

METAL T-Clip F

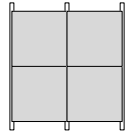
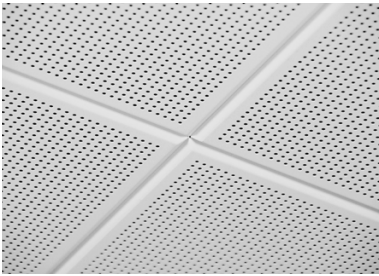


Tiles
Material post-coated galvanised steel 0.5 mm
Edge detail 5 mm bevel clip-in
Modules 600 x 600 mm

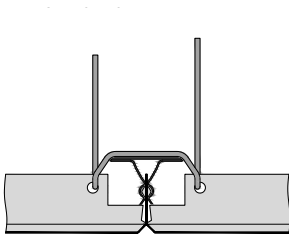
Suspension system
Standard C-Channel + Spring T
Optional U-Profile + Spring T

METAL T-Clip F

METAL T-Clip F



Security clip option



	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 T-Clip F				■	■	■	■	■	■	■	■		■				

* 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	3.9 - 4.8 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> <th rowspan="3">CAC [dB]</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_w</th> <th rowspan="2">NRC</th> <th rowspan="2">$D_{n,w}$ [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>0.10</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	CAC [dB]	α_w	Cavity [mm]	Class	Frequency (Hz) α_w						NRC	$D_{n,w}$ [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	0.10	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 ISO 9001 EN 15804 Cradle to Cradle Silver 17.3% (2023)																																																																																																												
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