



Vertical Baffle Systems

## METAL Baffle Element

(METAL Baffle / V-P 500)

Individual / Grouped

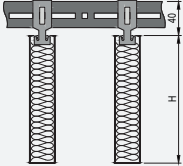


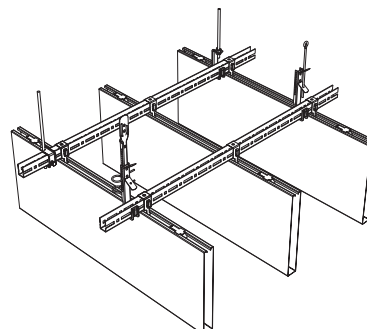
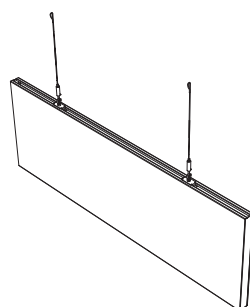
- **METAL Baffle Element** solutions are typically used in acoustically-challenged spaces - airports, rail terminals, semi-exposed soffit buildings, offices, retail, leisure centres, etc.
- Linear layout.
- Fully configurable solution with variable baffles spacing.
- Different baffle height combinations and radial installations possible.
- Suitable solution for corridors.
- Quick and easy to install with adjustable hanging wires (individual).
- Installed on a U-profile system for a perfect alignment and with optional face covers (grouped).
- Delivered with an acoustic pad fitted inside.
- Further dimensions and options available on request.
- Easy service integration into the ceiling space.
- Additional design options available as part of our **Vario Design** range.



# METAL Baffle Element

Individual / Grouped

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| <b>Edge details</b>                 | <b>METAL Baffle Element [Individual]</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>METAL Baffle Element [Grouped]</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>System</b>                       | METAL Baffle Element Hanging Wire Kit (length 4000mm)<br>Face covers and connectors available as separate items.<br><i>Not included.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Dimensions (mm)</b>              | 1800 x 300 x 30<br><i>Available in 2 pieces/carton.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Material &amp; perforations</b>  | Powder-coated galvanised steel, 0.7mm<br><br><div>  Unperforated            Standard perforation <b>Rg 2516</b><br/> <small>Ø: 2.5mm<br/>Open area: 16%</small> </div> <div>  Micro-perforation <b>Rd 1522</b><br/> <small>Ø: 1.5mm<br/>Open area: 22%</small> </div> <div>  Extramicro perforation <b>Rg 0701</b><br/> <small>Ø: 0.7mm<br/>Open area: 1.5%</small> </div> <div>           (both vertical sides)<br/>           Acoustic pad 25mm,<br/>           25 kg/m<sup>3</sup> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Colours</b>                      | <b>Other perforations</b><br><div>  Rd 1511            Rg 1511            Rg 1821            Rg 3013            Qg 4025         </div>                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                      | <div>  RAL 9010         </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <div> <b>Vario Design colours</b><br/>  Granite            Steel            Green Marble            Copper            Oak            Brass            Sandstone            Concrete<br/><br/>  RAL 9003            RAL 9005            RAL 9006            RAL 9007            RAL 9016         </div> <div> <b>Wood effects</b><br/>  Ash            Natural Bamboo            Caramel Bamboo            Maple<br/><br/>  Oak            American Cherry            American Walnut         </div> |
| <b>Weight</b>                     | <b>Unperforated</b><br>2.0 - 3.6 kg/lm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Rg 2516</b><br>1.7 - 3.1 kg/lm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Acoustics</b>                  | Acoustic performances will depend on baffle heights, row distance between the baffles and distance from the soffit. Acoustic values available on request.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Fire reaction</b>              | Euroclass <b>A2-s1, d0</b><br>as per EN 13501-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Humidity resistance</b>        | <b>90% RH</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Indoor air quality</b>         |  A  E1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cleanability</b>                                                                                                  |     <br>(Unperforated only)                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Sustainability</b>                                                                                                |   <br>≈ 14%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |



[Previous page] METAL Baffle Element, Grouped (E&Y, Warsaw, Poland, © Szymon Polański)

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](http://knaufceilingsolutions.com)