



MESHdesign Viva

3D Expanded Metal

The folded expanded metal with open character grants free view into the ceiling void and is three-dimensional design element. A high number of meshes, geometries and colours create unique, individual effects. The varied appearance can be emphasized by lighting solutions on the rear side.

- unique design by individually folded expanded metal
- various mesh types, sizes and geometries possible
- structured surface on demand with high open area to have a clear view into the ceiling void
- the incidence of light creates varied, diverse looks
- can be combined with lighting solutions on the rear side



Technical data

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| Material | aluminium |
|----------|-----------|

Acoustics

Room acoustics

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| Room acoustics | Equipped with acoustic inlays, expanded metal ceilings achieve high sound absorption values. In case of expanded metal ceilings with open area exceeding 30%, the mineral wool inlay is decisive as expanded metal is then absolutely sound-permeable. |
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Fire protection

Building material class

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|-------------------------|----------------|--|
| Building material class | DIN EN 13501-1 | A2 - s1, d0 |
| Building material class | ASTM E 84 | noncombustible or Class A depending on the execution |

Durability

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|----------------|--------------|---|
| Exposure class | DIN EN 13964 | A |
|----------------|--------------|---|






Combinable with

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| Metal ceilings | LMD-St 213 LMD-St 214 LMD-St 312 |
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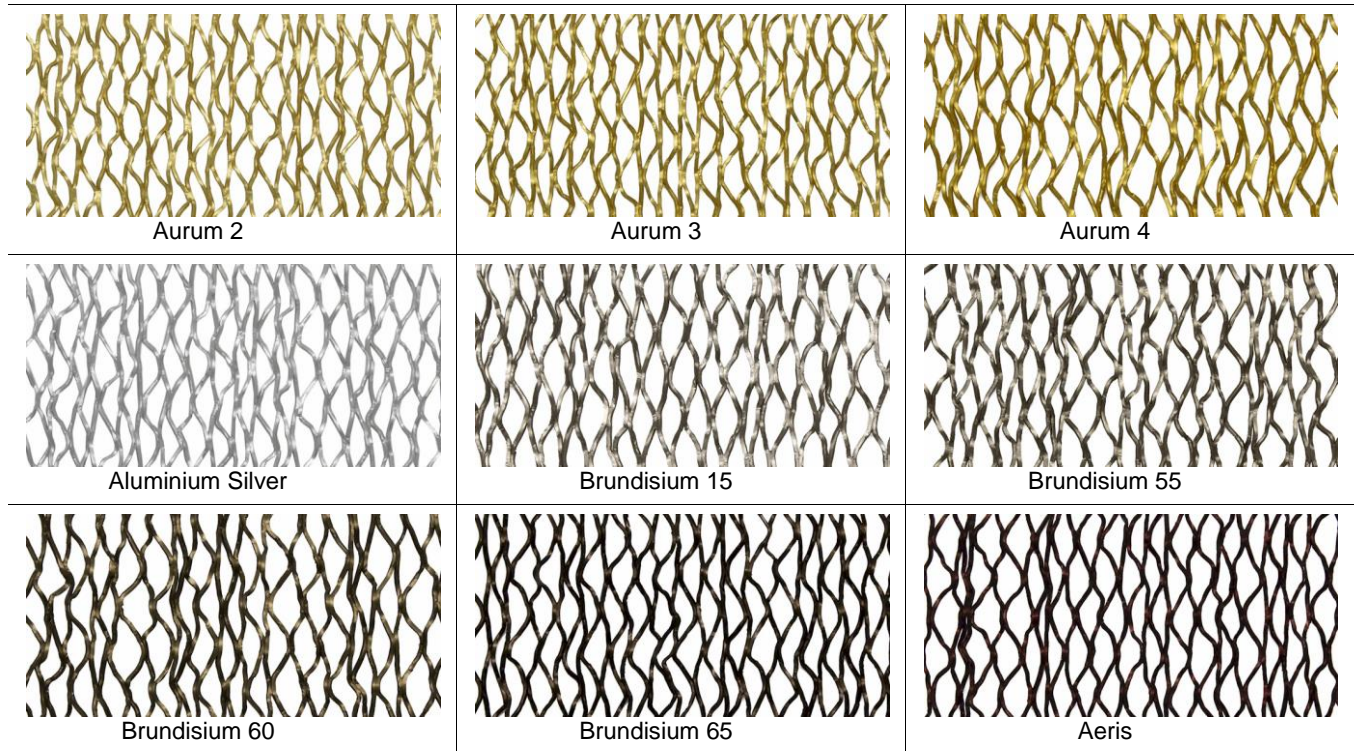
Surfaces

Meshes

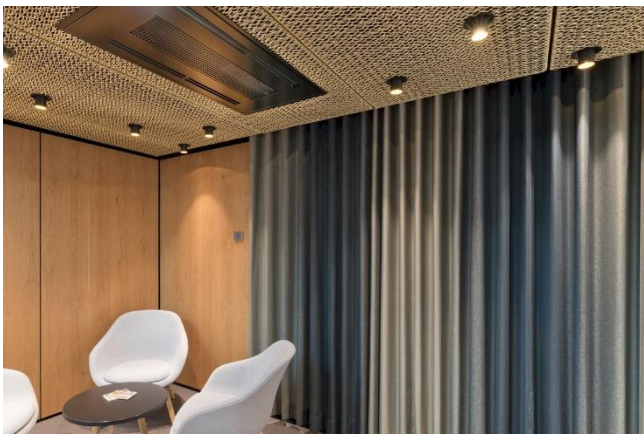
| | | |
|-----------|---|---|
| Viva V28s | <p>frontal opening: 34 % (± 5 %) open area: 42 % (± 5 %) expanded metal thickness: approx. 12 mm mesh length: 28 mm max. panel size: 2,400 x 900 mm</p> |  |
| Viva S29 | <p>frontal opening: 43 % (± 5 %) open area: 53 % (± 5 %) expanded metal thickness: approx. 13 mm mesh length: 43 mm max. panel size: 2,400 x 900 mm</p> |  |
| Viva V43s | <p>frontal opening: 57 % (± 5 %) open area: 65 % (± 5 %) expanded metal thickness: approx. 16 mm mesh length: 43 mm max. panel size: 2,400 x 900 mm</p> |  |
| Viva S50 | <p>frontal opening: 25 % (± 5 %) open area: 31 % (± 5 %) expanded metal thickness: approx. 13 mm mesh length: 63 mm max. panel size: 2,400 x 900 mm</p> |  |
| Viva V134 | <p>frontal opening: 18 % (± 5 %) open area: 24 % (± 5 %) expanded metal thickness: approx. 10 mm mesh length: 28 mm max. panel size: 2,400 x 900 mm</p> |  |



Colours



Applications



Project solutions

This product data sheet refers to the standard version of the product mentioned above. We would be happy to work with you to find the right solution for your project. Adapted to your building project, you will receive a perfectly matched system. Project-specific constructions and adaptations can be found in the offer documents.