



Astraios M

On this data sheet you find any information with regard to our standard meshes.
If you have further questions, please do not hesitate to contact us.



ARGGER



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Astraios M

Open

SPACE

- Facade
- Ceiling
- Road

APPLICATIONS

- Public transportation facilities
- Overpass
- Factory
- Workshop equipment
- Stadium
- Airport
- Conference hall
- Soundproof barrier

ASTRAIOS-M

Astraios-M is an advanced microporous sound barrier, consisting of numerous tiny microporous. This unique structural design effectively blocks the propagation of noise.

Each micro-pore can be seen as a small resonant cavity, capable of absorbing and attenuating specific frequency bands of noise. These micro-pores form a continuous sound barrier network through uniform distribution, which can block noise propagation in all directions. Astraios-V is widely used in the following areas:

- Traffic scenes, such as highways, railways, overpasses.
- Industrial environments, such as factories, workshop equipment.
- Facility environments, such as cooling towers, air conditioning units.
- Public places, such as stadiums, airports, conference halls.
- Urban environments, such as public transportation places, soundproof barriers.

TECHNICAL DATA

<i>Material</i>	Iron plate, galvanized plate, aluminum plate, stainless steel plate
<i>Noise Reduction Effect</i>	Sound reduction index: 25-40 DB(A); NRC: 0.7-0.83
<i>Panel Thickness</i>	0.6 mm, 0.7 mm, 0.8 mm, 1.0 mm, 1.2 mm, 1.5 mm or custom
<i>Aperture</i>	Common 3 hole 3 spur, 5 hole 2 spur, 2 hole 4 spur
<i>Opening Rate</i>	≤ 25%
<i>Common Specifications</i>	500 × 2000 × 80 mm, 500 × 2000 × 100 mm, 500 × 2500 × 80(100) mm, 500 × 2000 × 120 mm
<i>Surface Treatment</i>	Electrostatic powder spraying, fluorocarbon coating
<i>Surface Color</i>	Green, Blue, Grey, White or Customized as RAL Card ● ● ● ○
<i>Open Area</i>	Variable