

Mesh



**ENTERPRISE
ARCHITECTURAL**
Metal Ceiling Solutions

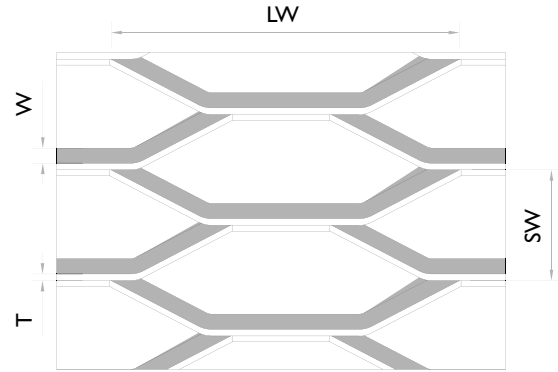
Mesh Overview

Design

Mesh can be designed and manufactured in various patterns such as round, square, diamond and hexagonal shapes. To ensure material strength, it is recommended to specify mesh with the long way pattern direction aligned across the width of the tile.

When specifying expanded mesh, key considerations include:

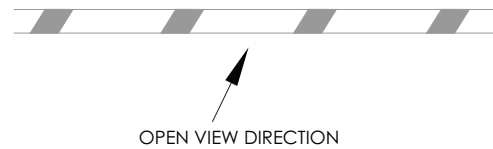
- Visible face
- Open view orientation
- Long way and short way direction
- Pattern selection
- Finishes
- Integration requirements



LW = Long Way SW = Short Way W = Strand Width T = Strand Thickness

Orientation

Mesh stands out as an exceptional architectural product due to its textured surface. The visual characteristics of mesh undergo a transformation when observed from various angles, known as 'open view' and 'closed view.' In the 'open view,' light permeates through the gaps, whereas in the 'closed view,' light reflects off the surface, dependent on the viewer's perspective.



note: the mesh open area is measured through the 'open view'

A Face & B Face

The manufacturing process of mesh leads to variations in appearance based on the visible face. Typically, tiles are produced with the 'A Face' visible, but it's possible to designate the 'B Face' as the finished surface if desired.

The 'A Face' mesh exhibits a smoother texture with gentler curves, whereas the 'B Face' features a more pronounced texture. Specifiers will need to select their preferred visible face based on their aesthetic preferences.

Carbon Neutral Opt-In

Enterprise Architectural Mesh systems include a Climate Active certified carbon neutral opt-in.



Greentag

Enterprise Architectural Mesh systems are certified Global GreenTag GreenRate Level A.



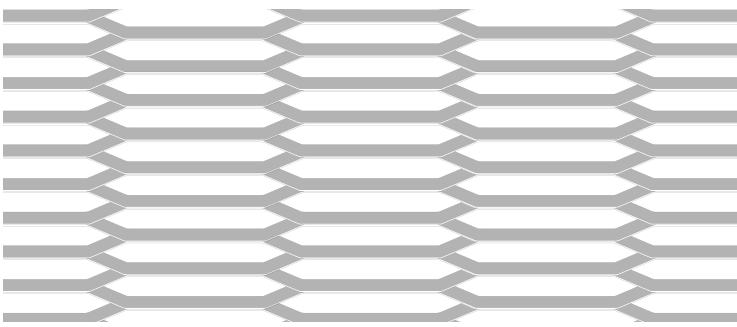
Compatible Systems

- Enterprise 200
- Enterprise 220
- Enterprise 310

Mesh Patterns

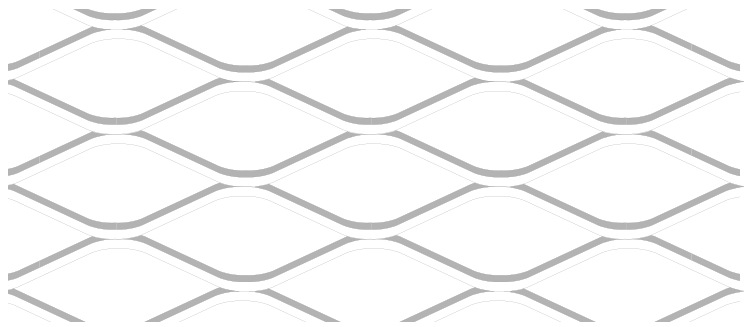
ARIEL

26.4 (lw) x 3.75 (sw) - 3.6 (w) x 1.5mm (t) 78% open area



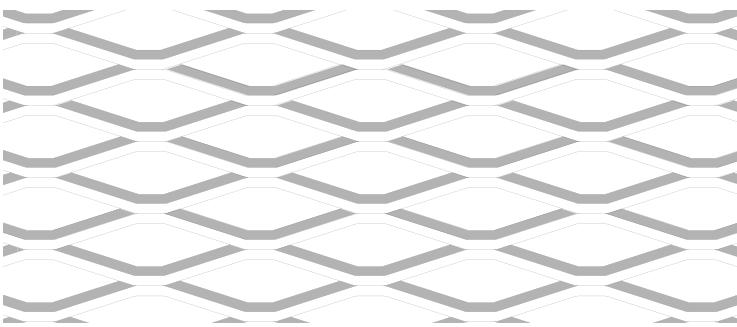
GANYMEDE

30.5 (lw) x 14.5 (sw) - 2.5 (w) x 1.6mm (t) 80% open area



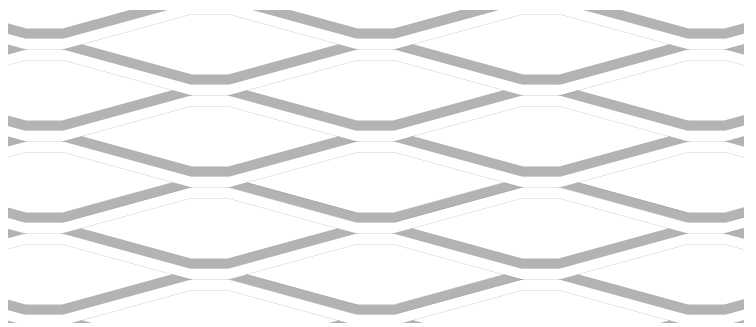
TITAN

28 (lw) x 10 (sw) - 2 (w) x 1.5mm (t) 76% open area



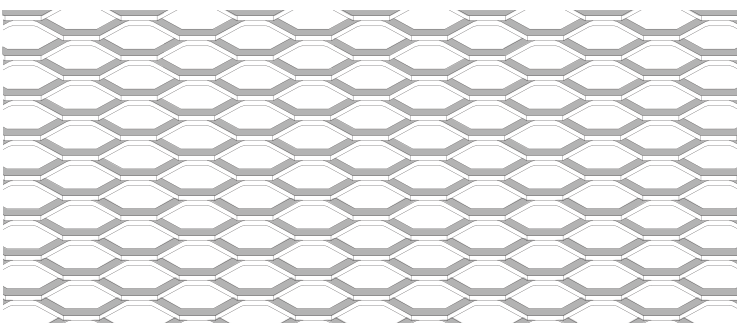
EUROPA

43 (lw) x 13 (sw) - 2.5 (w) x 1.5mm (t) 80% open area



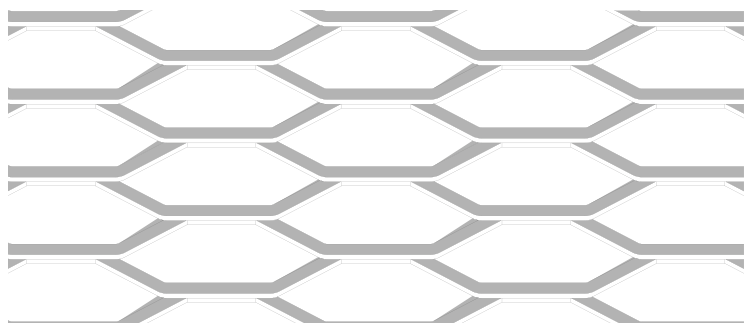
OBERON

15 (lw) x 6.5 (sw) - 1.3 (w) x 1.5mm (t) 68% open area



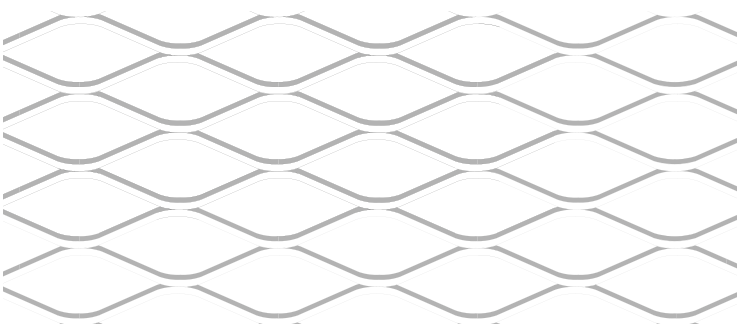
TELESTO

26.4 (lw) x 7.2 (sw) - 3.6 (w) x 1.5mm (t) 81% open area



MIRANDA

25.9 (lw) x 11 (sw) - 2.6 (w) x 1.5mm (t) 76% open area



HYPERION

80 (lw) x 40 (sw) - 5.5 (w) x 2mm (t) 79% open area

