

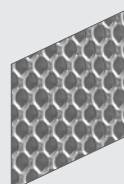
USG Ceilings Plus[®] EXPANSE[™]

EXPANDED METAL SOLUTIONS

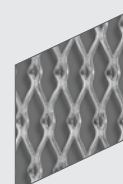
Architect: SOM
Photo: Dave Burk © SOM
Shown in EX-9 Painted White

To order samples, contact your local sales representative

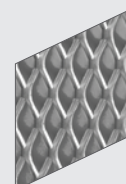
STANDARD PATTERNS



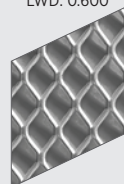
RAISED
EX-1 • 45% Open
LWD: 0.600"



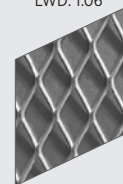
RAISED
EX-2 • 55% Open
LWD: 1.06"



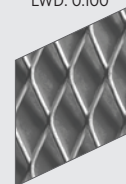
RAISED
EX-3 • 48% Open
LWD: 0.100"



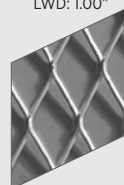
RAISED
EX-4 • 62% Open
LWD: 1.00"



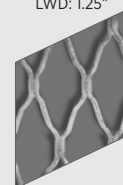
RAISED
EX-5 • 70% Open
LWD: 1.25"



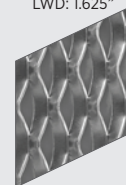
RAISED
EX-6 • 72% Open
LWD: 1.625"



RAISED
EX-7 • 76% Open
LWD: 2.00"



FLATTENED
EX-8 • 63% Open
LWD: 2.00"



RAISED
EX-9 • 12% Open
LWD: 1.25"

STANDARD FINISHES



Steel Blue



Bronze



Copper



White



Black



Mill


FEATURES AND BENEFITS

- Fully accessible system that allows access at every panel location.
- Sprinkler systems may be located above the ceiling with one of our 70% open patterns. (consult local codes)
- Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).
- Acoustical performance utilizing lay-in acoustical materials.
- Varied mounting arrangements are available to respond to any installation requirements or conditions.

APPLICATIONS

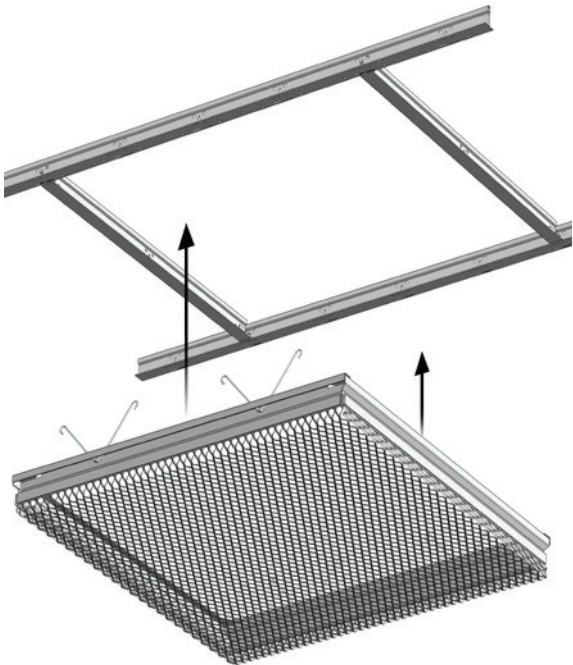
- Interior and Exterior Application
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Wall Applications
- Sloped Ceilings
- New Construction or Renovation
- Downward Accessible (Torsion Spring System)

PERFORMANCE

Application	Grid Options	Accessibility	Patterns	Finish	Panel Size	Material	Maintenance
					Width - 48" Length - 96"		
Interior, Exterior	Torsion Spring Tee Grid, Lay-In	Downward and Lay-In	9 Standards, Custom available	Mill Finish or Post Painted	(consult sales rep/ factory with your pattern for size recommendations.	Aluminum (standard), steel, stainless steel	See architectural specification

SYSTEMS

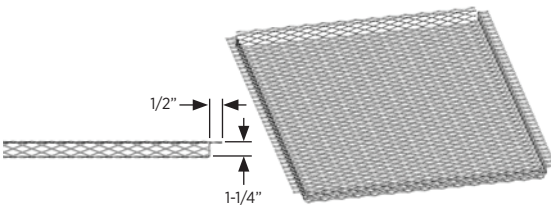
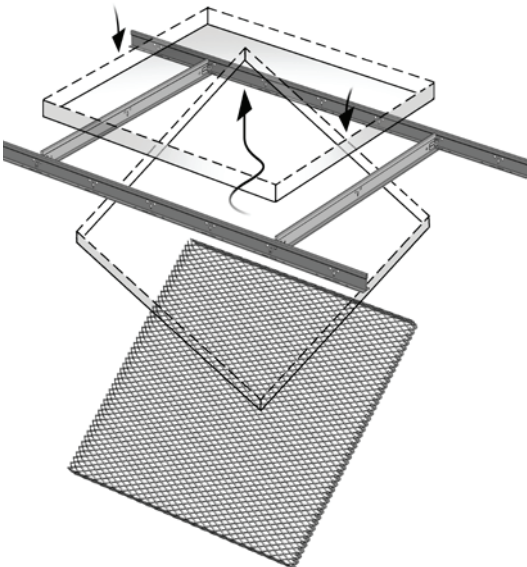
TORSION SPRING SYSTEM



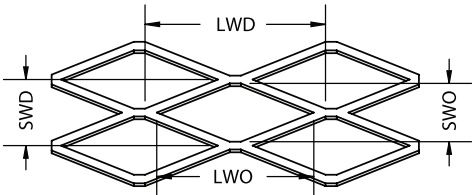
PANEL SIZE GUIDELINES

- Maximum length is 120" with max width of 24"
- Minimum width is 6" with max length of 96"
- Maximum width is 42" with max length of 48" (48" width available in select patterns. Consult factory for details)
- Consult factory for custom panel size possibilities

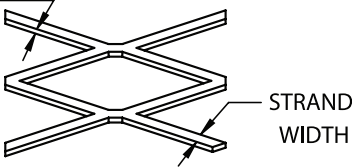
LAY-IN SYSTEM



TERMINOLOGY



STRAND
THICKNESS



PHYSICAL DATA

Product Literature

Please contact your local sales representative for Architectural Specification and warranty.

Architectural Specification
Cleaning Instructions: IC518
Warranty: SC2102

Suspension System

Expanses™ suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and "heavy duty" rating is available upon request.

Seismic Compliance

USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

Integration

Expanses can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.ceilingplus.com.

Modification:

Panels are easily modified in the field with standard tools. See our full list of CAD details.

Sound Absorption

Ultrasorb and Colortex™ panels may be used behind to add acoustic absorbing.

Notice

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