

# USG Ceilings Plus® Design Solutions EXPANSE™

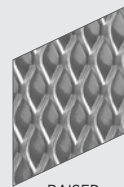
EXPANDED METAL SOLUTIONS



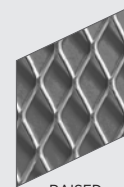
Novel Park - Five Point Homes  
Architect: RD Collaborative  
Photo: © Vladimir Paperny

To order samples, contact your local sales representative

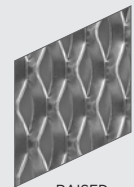
## STANDARD PATTERNS



RAISED  
EX-3 • 48% Open  
LWD: 0.100"  
SWD: 0.50"  
Strand Width: 0.100"



RAISED  
EX-5 • 70% Open  
LWD: 1.25"  
SWD: 0.75"  
Strand Width: 0.080"



RAISED  
EX-9 • 12% Open  
LWD: 1.25"  
SWD: 0.625"  
Strand Width: 0.250"

## STANDARD FINISHES - PAINTED - ON METAL



Steel Blue



Bronze



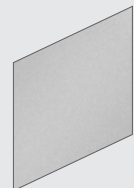
Copper



White



Black



Silver Satin

## FEATURES AND BENEFITS

- Fully accessible system that allows access at every panel location (factory edge).
- 70% open area pattern available.
- Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc. (independently suspended).
- Lay-in panels provide flexibility for varying installation requirements and conditions.

## APPLICATIONS

- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Sloped Ceilings
- New Construction or Renovation
- Lay-in Accessible

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EXPANDED METAL SOLUTIONS

ORDER SAMPLES/LITERATURE  
Contact your local sales rep.

TECHNICAL SERVICES  
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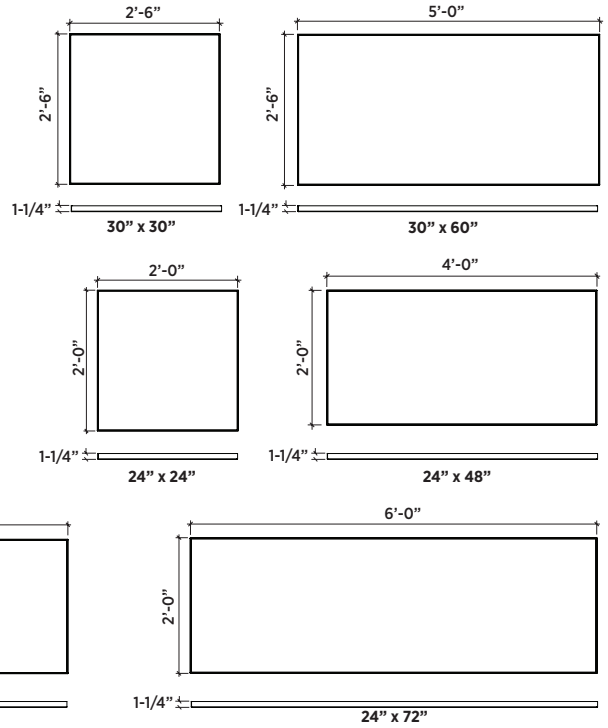
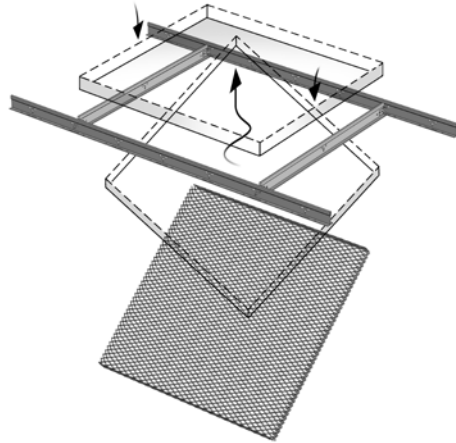
FOR MOST UP-TO-DATE  
TECHNICAL INFORMATION  
AND LEED REPORT TOOL  
Contact your local sales rep.

## PERFORMANCE OPTIONS

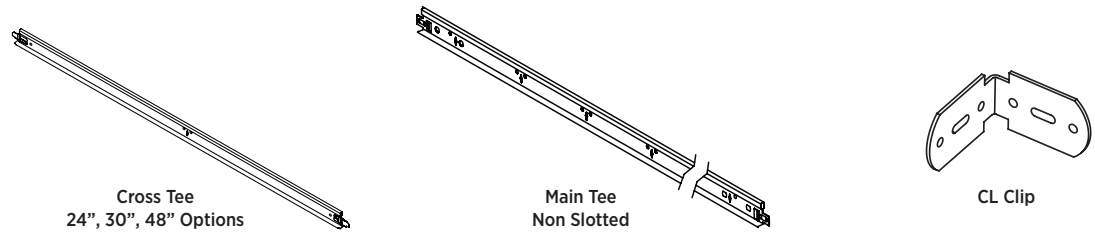
Application	Grid Options	Finish	Accessibility	Ceiling Open %	Patterns	Fire Class	Maintenance	Weight
Interior	 Tee Grid, Lay-In	Painted	Lay-in	Varies	EX-3, EX-5, and EX-9	 Class A ASTM E84 and CAN/ ULC S102	See architectural specification	Varies

## STANDARD SIZES LAY-IN

### Lay-In Panel



## PARTS & ACCESSORIES



## TERMINOLOGY



### Low Emissions (VOC)

Certified low emitting performance for select finishes, meets CDPH 01350 v1.2 - 2017. Certificates of Compliance for Low VOC Emissions are available on [usg.com](http://usg.com) and at [usg.ecomedes.com](http://usg.ecomedes.com).

## PHYSICAL DATA

### Additional Documents and Resources

Architectural Specification  
Installation and Handling Guide: IC307851  
Warranty: SC2102

### Fire Classification

ASTM E84 and CAN/ULC S102  
Surface-burning characteristics  
Class A  
Flame Spread: 25 or less  
Smoke development: 50 or less

### Suspension System

Supporting main tees are classified as Heavy Duty as classified per ASTM C635 when tested in accordance with ASTM E3090 and AC368.

### Seismic Compliance

Suspension System is included in ICC ES ESR 1222 for use in Seismic Design Categories A through F when installed according to ASTM C636 and ASTM E580. Alternate installation methods may be used when designed by a registered engineer and approved by the authority having jurisdiction. Test reports for suspension system performance may be available upon request.

### Integration

Expanse 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.usg.com](http://www.usg.com).

### Modifications

Panels are easily modified in the field. See our installation manual for details.

### Notice

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

