

METALWORKS™ Tartan – Custom



METALWORKS Tartan Grid System

The Tartan Grid System provides a portfolio of features including acoustics, lighting and aesthetic options. This modular system allows the ceiling to be subdivided in longitudinal and transverse directions. Partition walls can be conveniently placed underneath grid trim strips.

Armstrong METALWORKS ceiling systems offer a broad range of manufacturing capabilities for custom metal ceiling options. This collaborative design offering can include custom visuals, dimensions, performance levels and integration options including the types of systems shown here. Call 877 ARMSTRONG, and select options 1-1-4 to speak to an Armstrong Architectural Specialties representative about your custom metal ceiling needs.

Color Selection

Due to printing limitations, shade may vary from actual product.



White (WH)



Silver Grey
(SG)



Gun Metal
Grey (MY)

Standard METALWORKS colors Global White, Silver Grey and Gun Metal Grey, as well as RAL colors, are available on METALWORKS custom systems. Contact Armstrong Architectural Specialties for custom color matching requests.



Custom Product Attributes

- Distinctive, aesthetic visual
- Flexible room design and partition attachment; matches any building module
- Panel options for design flexibility: Square megapanel, rectangular or triangular ceiling panels
- Modular system for ease of lighting HVAC, speakers and sprinkler integration with grid system
- Full range of perforation patterns available
- Installs with minimal plenum clearance
- Swing down panel options available

Applications

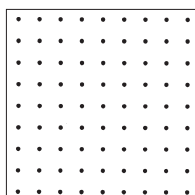
- Office buildings
- Flexible room partitioning
- Large open plan ceiling areas
- High access areas

Relative Installed Cost

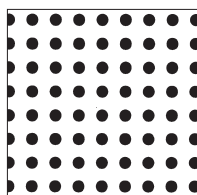
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Perforation Options for Custom Systems (partial list)

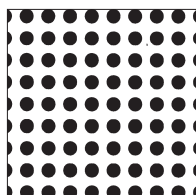
To view our full range of perforations available for custom METALWORKS systems, visit our Web site at www.armstrong.com/metalworks



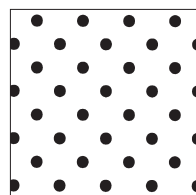
Pattern Rg 0701



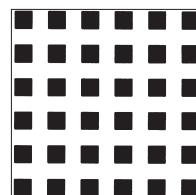
Pattern Rg 2516



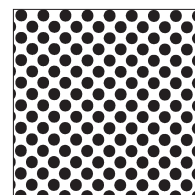
Pattern Rg 3027



Pattern Rd 2508



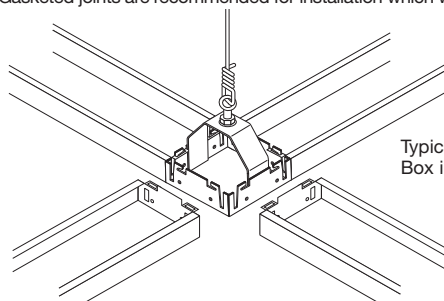
Pattern Qg 4025



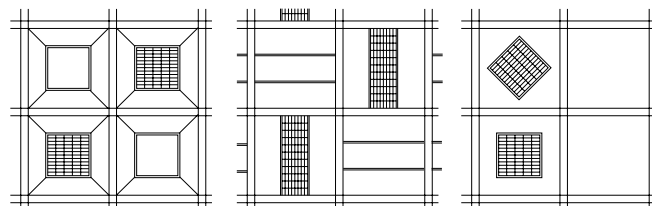
Pattern Rd 2535

Joint and Edge Detail

Panels and trim strips have square edges. Joints may be tight-butted or gasketed (3mm). Gasketed joints are recommended for installation which will require frequent plenum access.



Typical Tartan Crossing Box intersection.



Various lighting schemes and layouts with Tartan grid system.

Seismic Installations

METALWORKS custom systems have been engineered and tested for applications in seismic zones. Contact Armstrong Architectural Specialties for specific test information details and installation instructions.

Acoustical Options

Perforated Custom Panels are usually supplied with factory installed, black, sound absorbent acoustical fleece. Fiberglass and mineral fiber panels are also available.

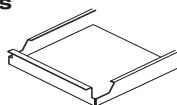
Physical Data

System Dimensions

The Tartan family offers a hook-on grid system with crossing boxes and C-profile trim strips to create a wide variety of flat, coffered and linear ceiling modules. The system allows for maximum integration with lighting, HVAC and security (life-safety) in module sizes up to 72".

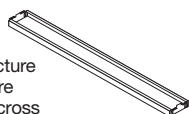
Infill Panel Dimensions

Tartan modules may be filled with rectangular, triangular or square panels. Square metal panels are available up to 48" x 48" but would need stiffeners.



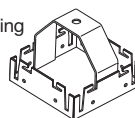
Trim Strips

The C-profile trim strips constitute the support structure of the ceiling system and are responsible for its "smart" cross grid look.



Crossing Boxes

The crossing boxes are the crossing points of the grid system. They are ideal installation points for spot lights, smoke detectors, sprinkler outlets or emergency lighting elements. Factory-cut openings accommodate these integral components.



Dimensions
100mm x 100mm (4" x 4" nominal)
150mm x 150mm (6" x 6" nominal)
200mm x 200mm (8" x 8" nominal)
300mm x 300mm (12" x 12" nominal)

Material

Standard material is electrogalvanized steel. Aluminum is also available. Consult Armstrong's Architectural Specialties Group.

Finishes

Factory-applied powder-coated (post-coated) finish. Color and surface quality is identical on both visible suspension system elements and infill panels.

Fire Performance

Class A per IBC

Recycled Content

25%

Due to nonstandard dimensions, finishes and performance features for this METALWORKS system, please call 1 877 ARMSTRONG and select options 1-1-4 to work with the Architectural Specialties project management team or visit our Web site. Features and specifications are subject to change without notice.