AERO:Form Felt Open Cell - Installation Instructions

Applicable Products: Pendants, Clouds, Crossroads Open Cell, Cube Open Cell

General Information

- AERO:Form Felt Open Cell redefines ceiling design with sleek, versatile solutions that elevate interior spaces. Available in Pendants, Clouds, and Open Cell configurations.
- Felt Ceilings are engineered for use in seismic areas when installed in accordance with local code requirements.

Site Conditions

- Felt ceiling products can be installed in temperatures between 40°F (4°C) and 158°F (70°C). Not to be used in exterior applications or high moisture environments where water comes in direct contact with the felt.
- Install only after spaces are enclosed and weathertight, and after all wet work and overhead work have been completed.
- Open cell systems are engineered for use in seismic areas when installed in accordance with local code requirements.

Storage & Handling

- Do not store or install near an exposed flame, source of heat, or source of ignition.
- Store horizontally in the original carton in a dry, interior space for at least 24 hours. Clean gloves must be used to avoid fingerprints.

Fire Performance

- AERO:Form felt systems achieve Flame Spread Index 25 or less. Smoke Developed Index 450 or less. Class A per ASTM E84. Components may interfere with fire sprinkler or fire detection system. Consult a fire protection engineer, NFPA 13, and their local code official for guidance on the proper installation techniques where fire detection or suppression systems are present.

Warranty

- A 1-year limited warranty is available. Please consult www.maxxitgroup.com for details.

Cleaning

- Use a clean, dry, soft, white cloth to wipe off any fingerprints or dust. You can also use a vacuum with an upholstery cleaning attachment. Clean in one direction for best results. A damp cloth and mild detergent can be used for more stubborn dust and dirt. Wipe off afterward with a dry cloth.

Colors

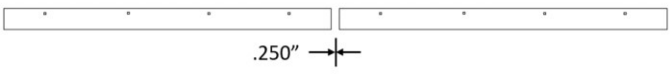
- AERO:Form open cell designs are available in 37 standard colors. Lot to lot variation in color and grain are common in felt products. To minimize noticeable variation, we recommend ordering attic stock and installing material from separate orders in different areas.

Cutting Baffles

- AERO:Form Crossroads Open Cell baffles feature an aluminum channel that can be cut with commonly available tools.
- Additionally: as a polyester resin (PET) felt is susceptible to melting from frictional heat. The following tools can be used to cut felt.
- Hand tools include; insulation, utility and straight knives. For best finished cut quality make sure you have adequate blade length and use a straight edge.
- Circular saws should use a non-ferrous/plastic blade or a 7-1/4" foam blade. For best finished cut quality use a straight edge guide and maintain a constant feed rate. Stop the blade motion before backing the saw out of the cut.

Design

- Profile baffles can be installed with a 1/4" gap between ends for a clean visual.



- Profile baffles can be joined with a spline for a continuous appearance. Consult Maxxit for details.

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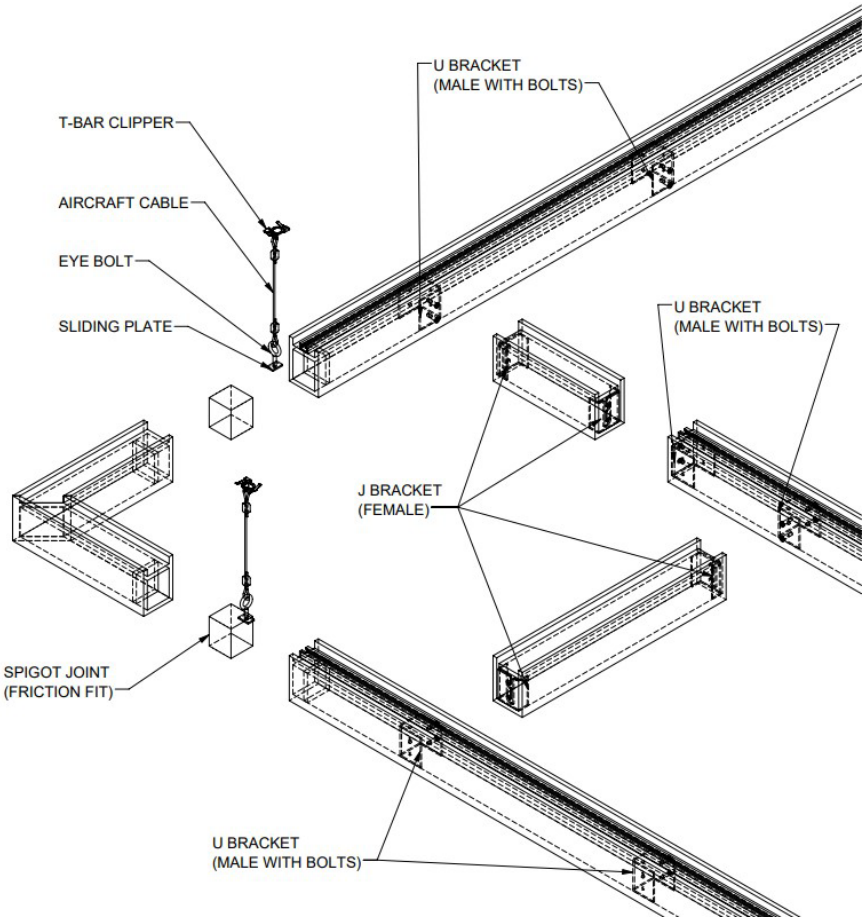
Installation on 15/16" heavy-duty grid. Before installing please note:

- Maximum main tee spacing is 48"
- Maximum hanger wire spacing on main tee is 48"
- 15/16" cross tee should not exceed 24" spacing.
- Maximum baffle overhang should not exceed 19" from the ends.
- Make sure that the whole system is straight and correctly leveled.
- Felt baffles require at least two (2) connection points per baffle.

AERO:Form | Cube Open Cell



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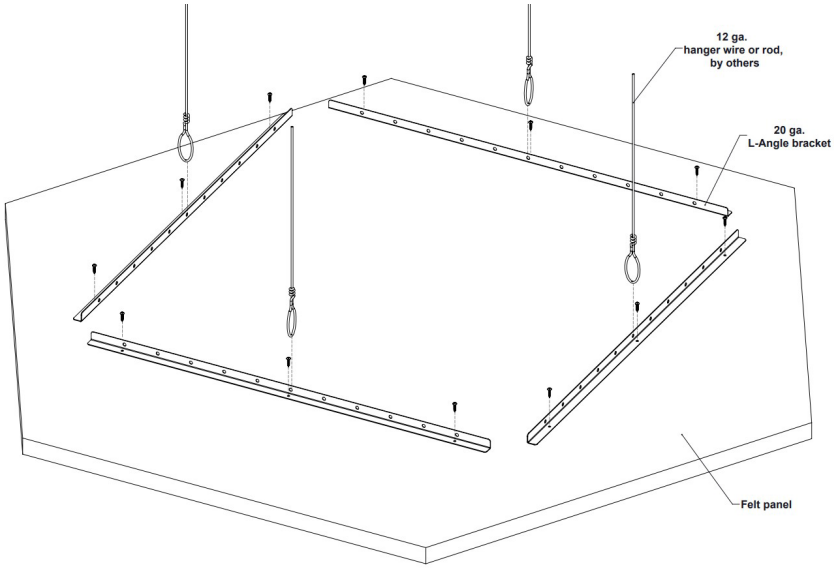
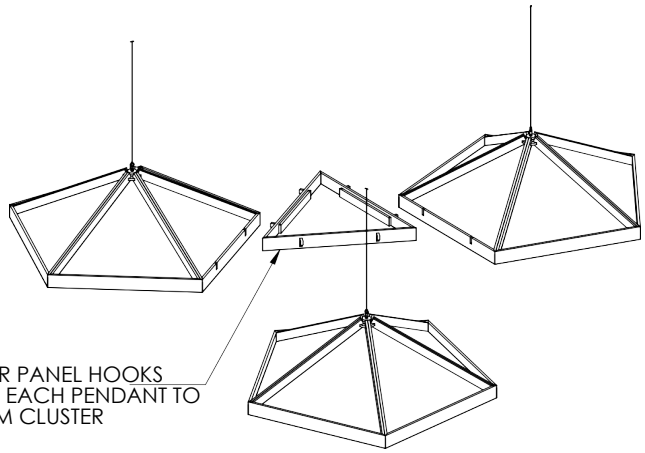
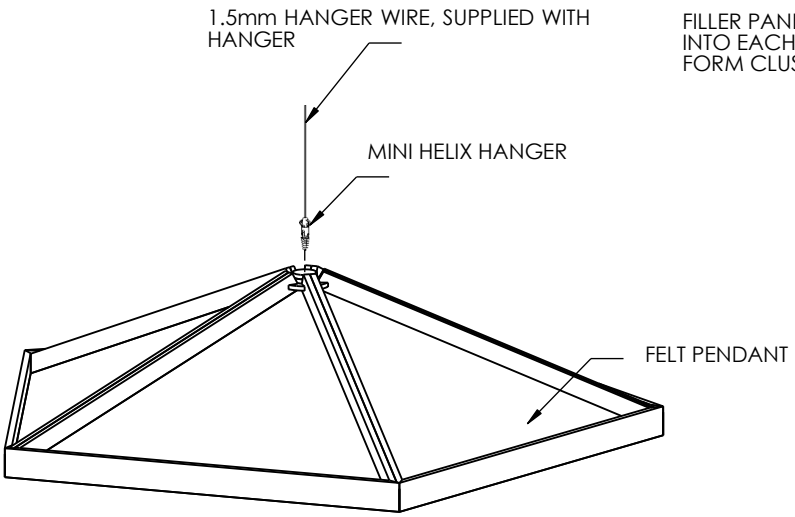
AERO:Form | Cloud



AERO:Form | Pendant

Pendants can be configured as stand alone or clustered to work with spaces of any size of shape. Panel connectors detach for easy plenum access. Connector hub joints up to six panels.





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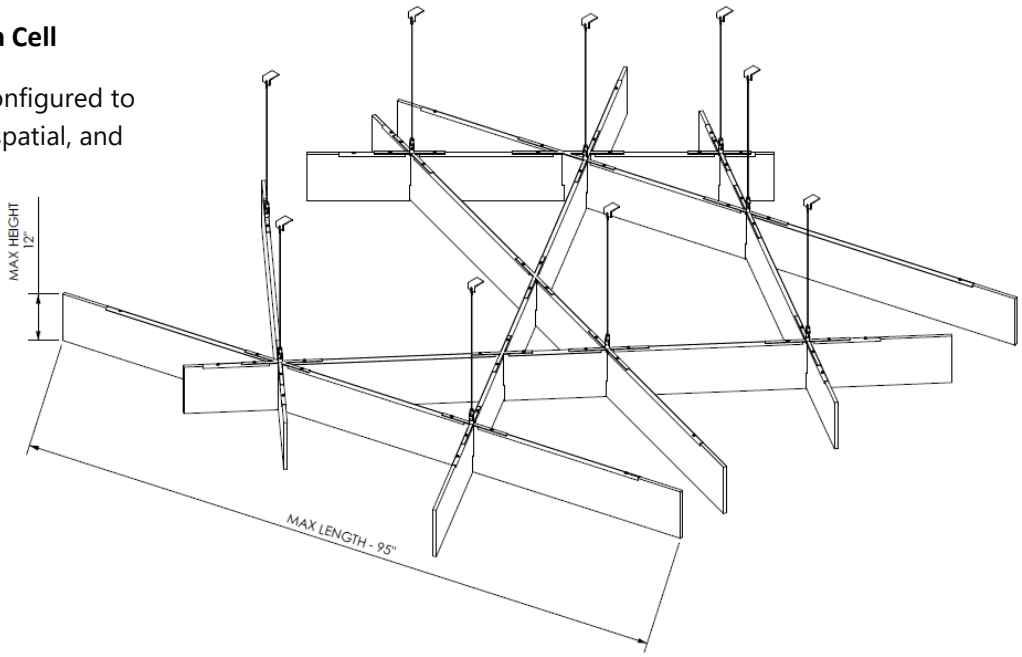
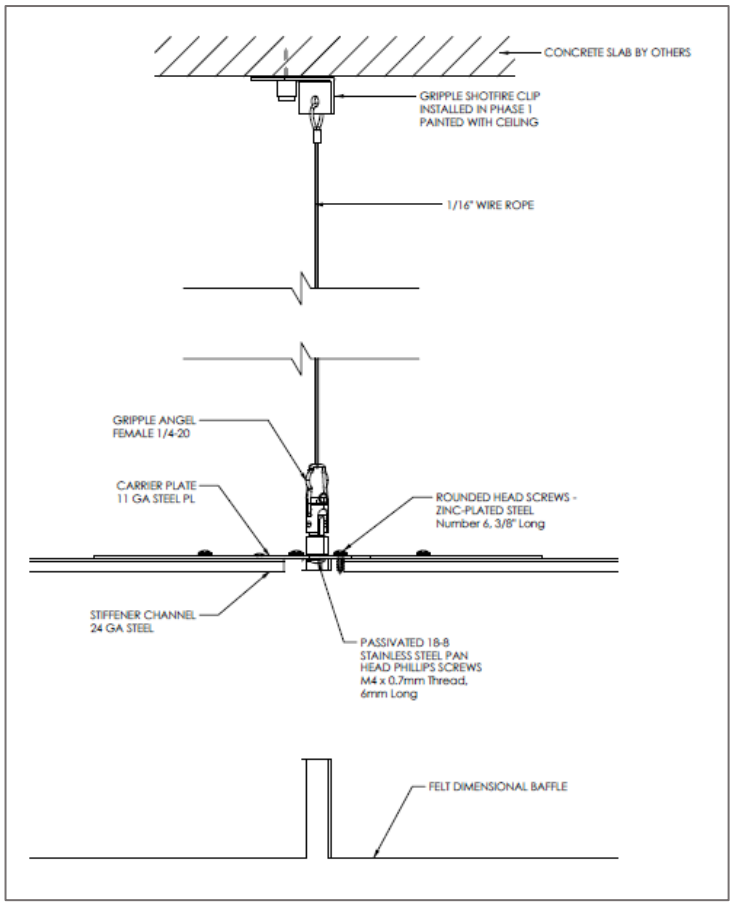
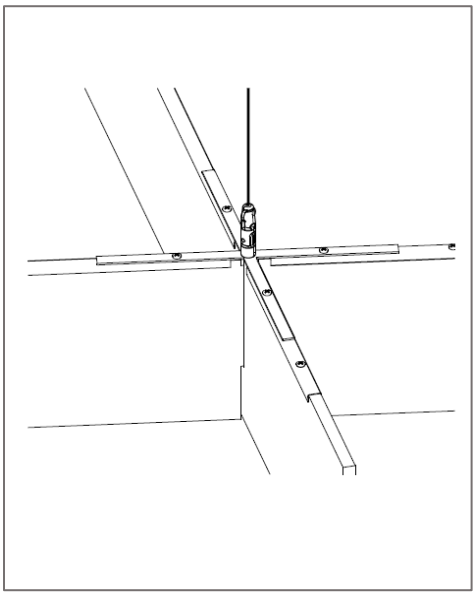
AERO:Form | Crossroads Open Cell

Crossroads Open Cell can be configured to accommodate various design, spatial, and architectural elements.



Attachment Detail





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Before installing, please note.

In addition to these instructions please refer to the publications referenced below for full details on industry accepted practices and requirements.

- ClSCA "Ceiling Systems Handbook"
- Standard for Ceiling Suspension System Installations - ASTM C 636
- Standard for Ceiling Suspension Systems Requiring Seismic Restraint - ASTM E 580
- IBC (International Building Code) Standard for Seismic Zone for local area.

For addition question or assistance

Please contact us at: www.maxxitgroup.com

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