PANEL:Form Panels - Installation Instructions

Applicable Products: Metal Panels (Traditional, Segmented, Radius)

General Information

- PANEL:Form metal ceiling panels are downward accessible panels made from .041” - .060” thick aluminum, design dependent.
- Offered in Traditional, Back-lit, Segmented and Radius styles. See the product data pages for dimensions and details of each style.
- Ceiling panels are designed to be installed with Maxxit’s custom suspension systems or standard heavy duty 15/16” grid, pre slotted.
- Metal Ceilings are engineered for use in seismic areas when installed in accordance with local code requirements.

Site Conditions

- Panels not to be used in exterior applications or high moisture environments where water comes in direct contact with the panel.
- Install only after spaces are enclosed and weather-tight, and after all wet work and overhead work have been completed.

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. Clean gloves must be used to avoid fingerprints. When removed for install, panels should be stored in a flat, horizontal position.

Fire Performance

- Manufactured to meet ASTM E-84 Class 1 or A fire retardancy. Panels 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.

Warranty

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

Colors

- Made with a factory-applied polyester paint. Available in Standard Colors, Color Matched and Wood Look powder-coated and film.
- Perforated styles come with optional black acoustical fleece on the backside of the panel.
- To maximize visual consistency, panels should be unpacked and examined collectively to determine the most desirable arrangement for installation.

Cutting Panels

- PANEL:Form metal panels are made of aluminum that can be cut with commonly available aluminum fabrication tools.
- For straight cuts use a metal cutting circular saw with a non-ferrous metal cutting blade.
- For curved cuts use a jig saw with aluminum cutting blade or use electric metal cutting shears.

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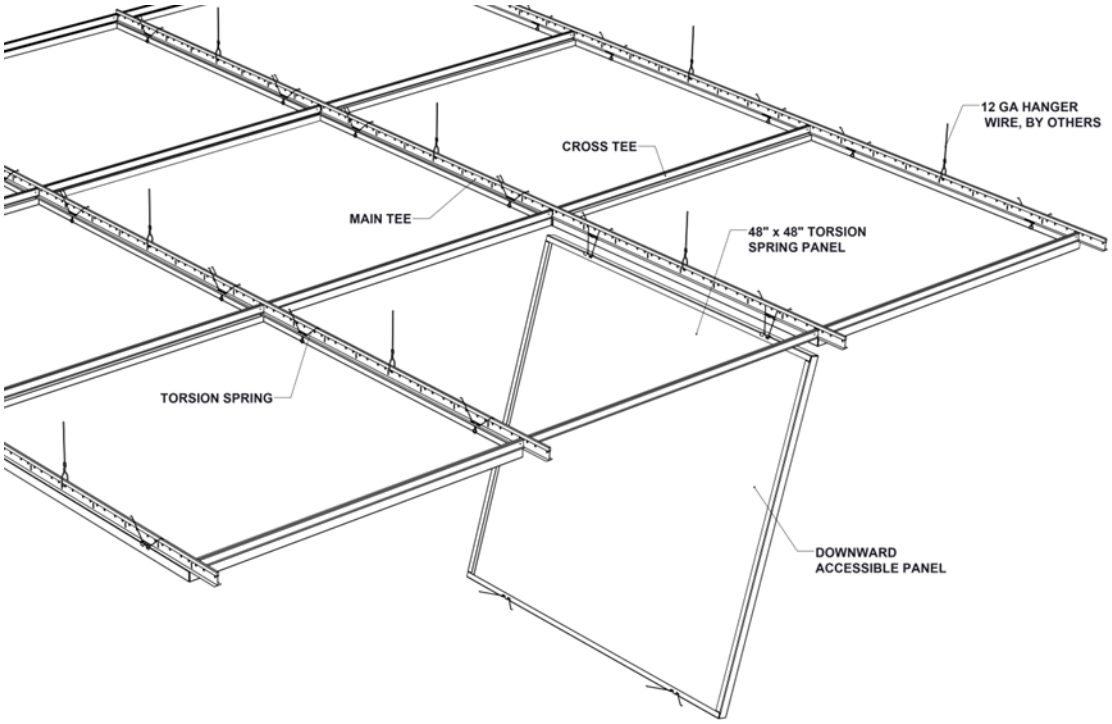
Installing Panels

- Compress the torsion springs ends together and insert into the panel slots.
- Line up the panel springs with the slots in the main beam or cross tee, then compress the spring ends once again and insert into the main or tee.
- Press the panel in place. The springs will expand and hold the panel firmly in place

Removing Panels

- Use a T shape shaped hook tool inserted into the panel joints to hook the top of the panel and gently pull it down till the torsion spring catches.
- Compress the torsion spring ends and remove it from the Main or Tee.
- Remove two adjacent torsion springs and the panel will swing open in place.
- For plenum access leave the open panel in place to avoid damage or loss.



Ceiling Panels are downward accessible and designed to install on pre-slotted suspension grid 'Main Beams & Tees' using factory supplied torsion springs.

MAXXIT
CEILINGS & WALLS

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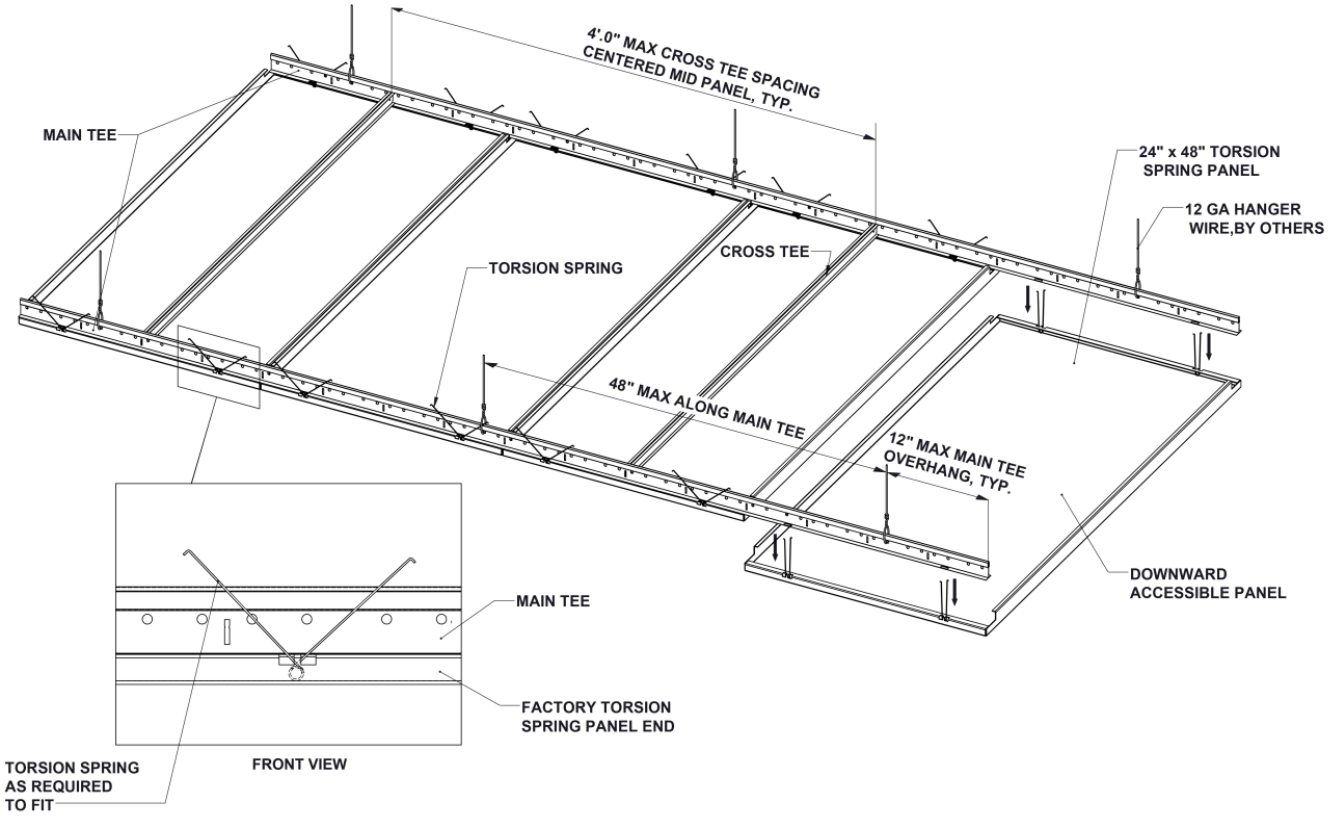

For 2’x2’, 2’x4’ & 2’x6’ panels, torsion springs can be inserted into Main Beams and Tee’s.

For 2’x8’ and 30”x30” panels, torsion springs must be inserted into Main Beams only.

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MEP Integrations

- Mechanical fixtures such as lights and sprinklers can be installed at the suspension system height, flush with the panels. Fixture weight must not be supported by the panels or HD grid suspension.

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