

# Protero Exterior Wall Fins - Installation Instructions

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## General Information

- Protero fins are vertical & horizontal, aluminum profiles made from .100" thick aluminum extrusions.
- These ceilings, wall fins and partitions are offered in rectangular, and custom shapes. See the product data page for dimensions of each type.
- Protero fins are designed to be installed with attachment rails in wall applications.

## Site Conditions

- Protero can be used in exterior applications. Consult Maxxit for full requirements.
- 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, the vertical panels should be stored in a flat, horizontal position.
- Recommended that two people install each 8' baffle.

## Fire Performance

- Protero is manufactured to meet ASTM E-84 Class 1 or A fire retardancy.

## Warranty

- A 1-year limited warranty is available. Please consult [www.maxxitgroup.com](http://www.maxxitgroup.com) for details.

## Colors

- Protero is made with a factory-applied polyester paint. Available in Standard Colors, Color Matched and Wood Look powder-coated.
- To maximize visual consistency, fins should be unpacked and examined collectively to determine the most desirable arrangement for installation.

## Cutting Fins

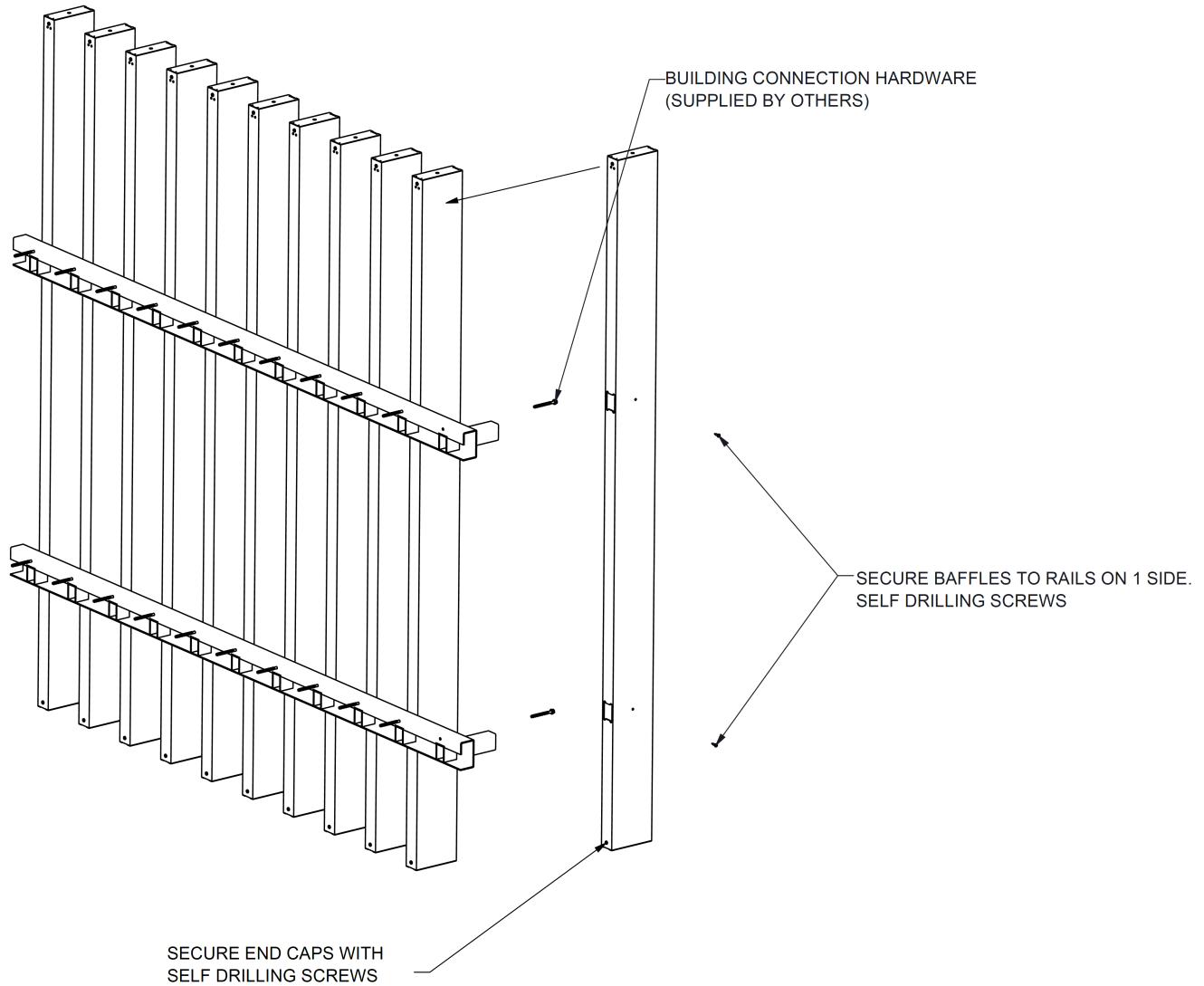
- Protero fins are made of aluminum that can be cut with commonly available tools.
- Cut the fin using standard wood working tools and, where possible, a straight edge. A table saw is recommended for straight cuts and a band saw for curved cuts. In general, these practices will be typical of those employed in finish carpentry.
- Circular saws should use a multi-purpose 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.

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Before installing please note:

- Fins are manufactured longer than what is shown on drawing set
- Fins are to be cut on site for ideal length; Contractor to confirm the dimensions after verifying site conditions

## Installation using anchor rail:



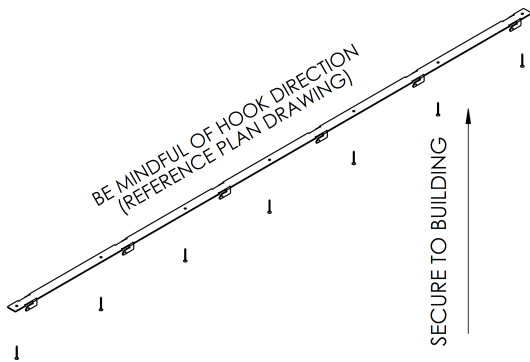
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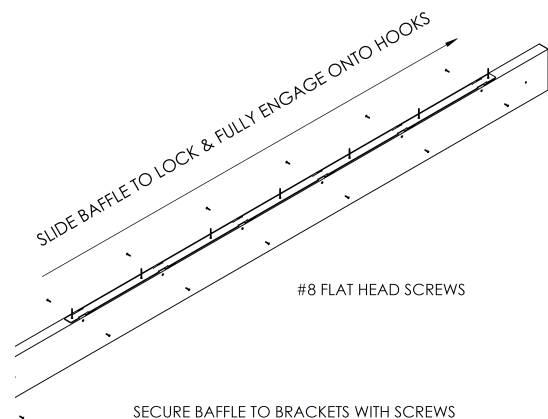
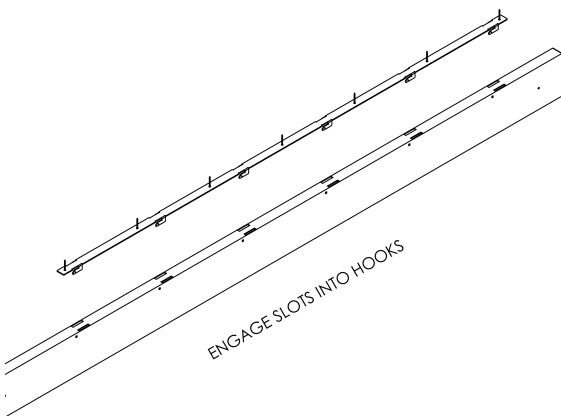
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## Installation of single fins:

- Reference plan drawings and establish center locations of fins
- Use laser to get rail plumb
- Install all sliding brackets to underside of building



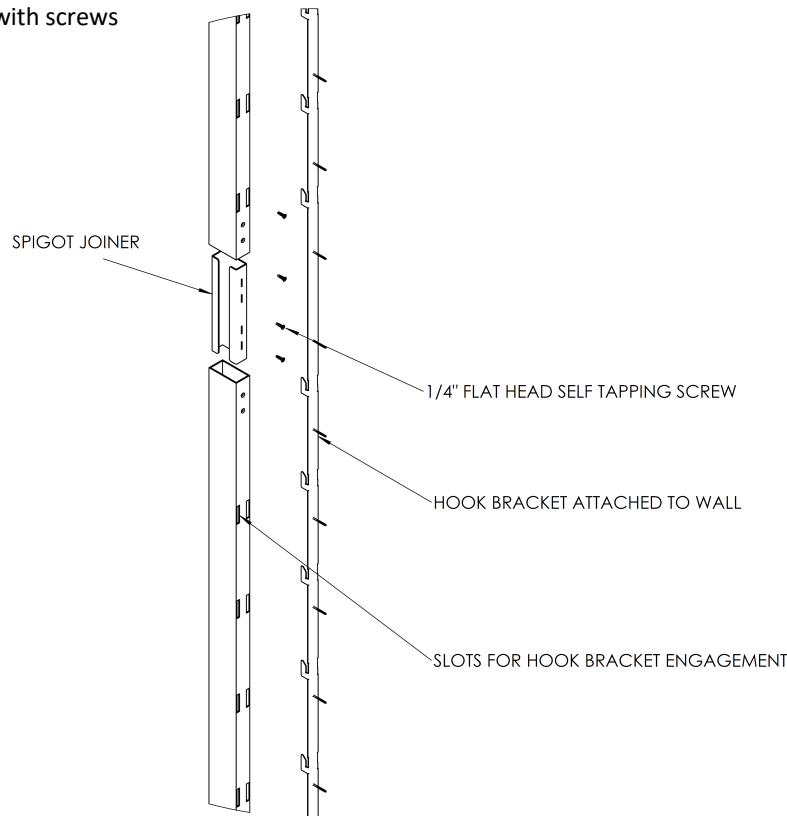
- Cut to size after verifying site conditions could work with provided dimensions
- Installer to add locking screw to prevent lift off



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- Engage fin cavity with wall brackets
- Secure fin to brackets with screws



## MEP Integrations

- Mechanical fixtures such as lights and sprinklers can be installed at the suspension system height, flush with the bottom of the baffles, or below the bottom of the baffle. Fixture weight must not be supported by the felt baffles or HD grid suspension.
- CISCA "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.

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.

## For addition question or assistance

Please contact us at: [www.maxxitgroup.com](http://www.maxxitgroup.com)