CADDY® PYRAMID Rooftop Support System for DURO-LAST®

DURO-LAST®
THE WORLD’S BEST ROOF®

ERICO®
CADDY® PYRAMID rooftop supports are a surface mounted solution for supporting electrical and mechanical applications. They offer superior load capacity and dramatically reduce installation time by replacing slow, heavy and labor-intensive methods for support of pipe, conduit, duct, cable tray and equipment.

Unlike wood blocks, CADDY PYRAMID supports are specifically designed for rooftop applications, incorporating unique materials and finishes that protect the Duro-Last®, Duro-Fleece®, Duro-Last® EV, and Duro-Tuff® membranes while providing superior corrosion protection.

Applications

Plumbing & HVAC / Electrical / Equipment Support

Challenges:
- Properly support heavy loads
- Minimize the chance of point loading or abrading the roof membrane
- Substandard materials and methods can increase the chance of roof damage
- Increasingly, roofs are seen as prime real estate and are being utilized for equipment placement, alternative energy systems, and as green space
- Meet the project scope and stay within budget
- Provide a high quality installation

CADDY PYRAMID Solutions:
- Offer a broad portfolio compatible with all Duro-Last roofing systems and standing seam metal.
- Provide excellent load distribution with some of the industry's best load ratings
- Minimize point loading and roof abrasion
- Are UV stable, corrosion resistant, and durable over an extensive temperature range
- Are fast and easy to install, minimizing costs
- Designed to get installers on and off the roof quickly
- Create an aesthetically pleasing, high quality solution

Rooftop Supports: Load Distribution

<table>
<thead>
<tr>
<th>PSI</th>
<th>115 lbs</th>
<th>350 lbs</th>
<th>500 lbs</th>
<th>570 lbs</th>
<th>770 lbs</th>
<th>1000 lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood</td>
<td>4 x 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Product P</td>
<td></td>
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<td></td>
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<tr>
<td>Product BF</td>
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<td>Product M</td>
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</tr>
</tbody>
</table>

CADDY® PYRAMID and other alternative solutions were tested at various loads using a pressure sensitive mat. These graphics show the static load transferred to the roof membrane. There are two key findings from the tests:

1. At a given load, CADDY PYRAMID offers superior load distribution to many alternatives
2. CADDY PYRAMID covers a broader range of load ratings than many alternatives

The takeaway:
CADDY PYRAMID is a superior rooftop support solution.
CADDY® PYRAMID RL Roller-Based Supports

CADDY® PYRAMID RL Roller-Based Supports offer an ideal solution for mechanical piping systems. Long lasting performance is ensured by providing polymeric rollers for corrosion free rotation. CADDY PYRAMID RL Roller-Based Supports are specially designed to avoid formation of flat spots and seized rollers during expansion and contraction.

- Polymeric rollers ensure corrosion free rotation
- Foam bottom offers low abrasion interface for better roof membrane protection
- Compatible with all Duro-Last roofing systems and standing seam metal.
- Ready to use out of the box, saving installation time and labor
- Hot-dip galvanized and UV stabilized for long lasting performance
- Supports green building requirements; thermoplastic bases are made from recycled material and can contribute to earning LEED credits

Provides a fixed height roller to support up to 6” schedule 40 nominal pipe.

- Roller-based support designed specifically for rooftop applications
- Roller capability allows longitudinal movement of pipe, resulting from thermal expansion or contraction

Material: Polyethylene, Polypropylene, Steel
Finish: Hot-dip galvanized
Temperature: -50 to 150 °F
Static Load Safety Factor: 3:1

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Pipe Size</th>
<th>Height</th>
<th>Static Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>21308</td>
<td>2” Max</td>
<td>5.80”</td>
<td>100 lb</td>
</tr>
<tr>
<td>21310</td>
<td>3” Max</td>
<td>6.25”</td>
<td>250 lb</td>
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</tbody>
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CADDY® PYRAMID ST Strut-Based Supports

Provides a fixed-height mounting platform with multiple usable strut lengths.

- Provides superior support for pipe, conduit, duct, cable tray and equipment
- Multiple sizes and load ratings offer the ability to tailor the solution to the application
- Easy to transport to the roof
- Compatible with all Duro-Last roofing systems and standing seam metal.

Material: Polyethylene, Polypropylene, Steel
Finish: Hot-dip galvanized
Temperature: -50 to 150 °F
Static Load Safety Factor: 3:1

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Strut Length</th>
<th>Height</th>
<th>Static Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>21301</td>
<td>6”</td>
<td>4.8”</td>
<td>300 lb</td>
</tr>
<tr>
<td>21302</td>
<td>10”</td>
<td>4.8”</td>
<td>1,000 lb</td>
</tr>
</tbody>
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CADDY® PYRAMID EZ Rubber-Based Supports

Feature a wide platform base design to provide reliable support and distribute load across roof surface. These versatile supports are fast and easy to install compared to wood blocks and metal straps.

- Quick height adjustment accommodates for uneven roofs or sloped condensate lines
- No tools or fasteners needed; fast snap-on installation
- Design sheds water and helps reduce pipe corrosion
- Roof-friendly; made of UV-stabilized material
- Compatible with all Duro-Last roofing systems and standing seam metal.

Ultimate load at 1/4” (6.35 mm) deflection. Contact project or roofing engineer for maximum allowable load on individual project roof system.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Rigid Conduit/ Pipe Size</th>
<th>Height</th>
<th>Ultimate Static Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>21316</td>
<td>1”</td>
<td>1 3/4” – 4”</td>
<td>170 lb</td>
</tr>
<tr>
<td>21318</td>
<td>2”</td>
<td>4” – 6”</td>
<td>250 lb</td>
</tr>
</tbody>
</table>

Accessories

Single Piece Strut Clamp for Conduit
- One piece break apart strut for rigid conduit
- Includes thread impression and captured screw
- Multiple sizes available to accommodate ½” – 4” pipes

Rigid Strut Clamp for Pipe/Rigid Conduit
- One piece break apart strut clamp
- Includes thread impression and captured screw (½” thru 4’ pipe size)
- Fits into open side of strut channel
- Conforms with Manufacturers Standardization Society (MMS) SP-58 (Type 59)
- Multiple sizes available to accommodate ½” – 8” pipes
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