

## Specification and Data Sheet

# SADDLE SUPPORT BASE KIT

- 1. Product Name:** SADDLE SUPPORT BASE KIT
- 2. Manufacturer:** ROOFTOP SLEEPER SUPPORT, 844 South 430 West, Suite 100, Heber City, Utah 84032  
Phone: (800) 768-6978  
Fax: (800) 440-7958
- 3. Product Description:** The Saddle Support Base Kit includes (2) 8" X 11" X 4" recycled plastic bases, (2) 10" X 1-5/8" X 13/16" 14-gage zinc-plated steel struts, (4) 4-hole 90° 3-1/2" X 4-1/8" X 1/4" zinc-plated steel brackets, (16) 1/2" UNC hot-dip galvanized channel nuts, (16) 1/2" X 1" UNC hot-dip galvanized steel bolts, (4) #14 X 1" slotted hex washer head screws, and (4) 1-1/4" X 1-1/4" zinc-plated square washers.
- 4. Product Performance:** Various types of strut can be attached to the bases with the hardware included in the kit for the construction of various pipe- and duct-supporting structures.
- 5. Compatibility:** The Saddle Support Base Kit is compatible for use with most conventional roofing surfaces. Consult the roofing manufacturer for further details.
- 6. Load Weight:** Ultimate loading on the support shall not exceed 2,500 lbs. per base. Consult the roofing manufacturer for the maximum allowable load to roof.
- 7. Composition and Materials:** Screws, flat washers, strut, brackets: zinc-plated steel. Channel nuts and bolts: hot-dipped galvanized steel. Recycled plastic bases: a mixture of recycled plastics, 80-90% of which is high-density polyethylene and polypropylene with the remaining 10-20% being comprised mostly of other recycled plastics. The coloration of the bases will vary depending upon plastic feedstock.
- 8. Size:** Each Saddle Support base is made in one standard size. The footprint is 8" by 11", and the base is 4-13/16" tall when 13/16" strut is attached.
- 9. Assembly and Installation:** To assemble the Saddle Support Strut Kit, center the 10" lengths of steel strut across the flat, rectangular surface on the top face of the support. Using the four screws and washers, affix the lengths of strut to the top of the bases (two screws and washers per base). Guide holes are provided on the base to aid in installation. Using eight of the sixteen provided bolts and eight of the provided strut nuts, affix the four L-brackets (two per base) to the lengths of steel strut. This is done by slipping the strut nuts into the open face (top) of the strut and turning them 90 degrees to lock them in place. Place the L-bracket on the strut and thread the bolts through the L-bracket and into the strut nuts. Tighten until the L-bracket is securely affixed to the base. For ballasted roofs, all loose aggregate underneath the base should be removed from the area directly beneath the pipe stands. An additional sheet of roofing material or a sacrificial iso-support pad is recommended to be installed under the base for maximum protection of the roof membrane. Install pipe stands so they support proportional and equal amounts of weight. For maximum weight, consult with the roofing manufacturer.
- 10. Spacing:** Space supports in accordance with code or specification requirement for the component being supported. When using the Saddle Support Base Kit to support pipes, manufacturer recommended spacing is 10 feet on center, not to exceed max load per roofing manufacturer specification or roof consultant.

- 11. Availability: Saddle Support Base Kits** are marketed throughout the United States.
- 12. Maintenance:** Continual maintenance is not required. Semi-annual inspection is recommended to check for proper pipe stand position, pipe alignment, weight distribution and installation. Improper installation may cause pipe stand damage or failure and damage to the pipe or roof surface.
- 13. Technical Services:** Please call ROOFTOP SLEEPER SUPPORT: (800) 768-6978 or visit our website [www.rooftopsleepersupport.com](http://www.rooftopsleepersupport.com) for any other technical information and for CAD drawing downloads.
- 14. Warranty:** Rooftop Sleeper Support shall provide to the original purchaser a limited warranty for each of Rooftop Sleeper Support's products provided under the Sales Terms and Conditions, which can be found at [rooftopsleepersupport.com/terms-conditions.html](http://rooftopsleepersupport.com/terms-conditions.html). The terms, limitations and exclusions for the limited warranty for each product are available from Rooftop Sleeper Support upon written request. Rooftop Sleeper Support reserves the right to modify its limited warranty at any time at its sole discretion.