



KnuckleHead

Solar Support System

Position Solar Wedge into head to either increase or decrease angle.

Height from base to support point can be adjusted within a 1" range by rotating the head—and up to 18" with extensions

Designed to accept standard strut framing to create 15° angled structures for solar energy collection

Each KnuckleHead is able to support up to 600 lbs.

Strong, tough, weatherproof, UV stable, impervious to freeze-thaw cycles

Matte-finish nylon allows bonding with *GREEN LINK* Adhesive/Sealant

Universal Base designed for adhesive attachment and/or mechanical fastening to meet seismic and/or wind uplift specifications

Molded from military grade glass-reinforced nylon resin, which possesses metal-like properties

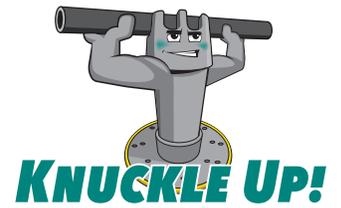


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While Knucklehead Solar Supports protect low-slope commercial roofing systems from damage due to movement and excessive dead loads, they also prevent damage to the PV arrays resulting from wind uplift. Molded from GreenLink glass-reinforced nylon resin, they are lightweight, UV-stable, non-corrosive, non-conductive, and highly durable. Solar Knuckleheads accept a 1 5/8 inch (41.2 mm)-wide framing profile. Front and rear supports are engineered to create 15° angled structures for solar energy collection. A special polyurethane insert allows for the angle to be adjusted up or down by 5°. Each head also functions as an elbow connector which permanently fixtures perpendicular strut members in the same 15° plane. Each unit can support up to 600 lbs. of load.

Important points about The KnuckleHead Support System



KnuckleHeads will prevent damage caused by ponding water, wind, ice, flying debris or seismic events and protect the integrity of the roofing system including roof-mounted structures and equipment.

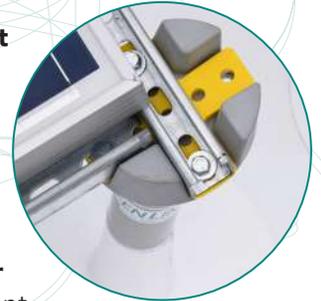
They are engineered with a Universal Base. A range of head designs are available depending on the particular support application needed.

KnuckleHeads can be attached directly to the roof membrane with mechanical fasteners and/or *GREEN LINK* Adhesive/Sealant.

GREEN LINK Adhesive/Sealant has been formulated to adhere to a wide range of roof membranes as well as to the glass-reinforced nylon KnuckleHead base and to metal struts.

GREEN LINK Adhesive/Sealant by itself is sufficient to create a strong bond—up to 250 psi shear strength—ensuring KnuckleHead integrity under high wind conditions or seismic events.

The base features 12 holes that will allow adhesive to vent as the KnuckleHead is pressed onto the roof surface, exposing it to air and moisture which accelerates cure.



KnuckleHead installations have been performing in the field for more than 15 years, with constant exposure to high temperatures, freeze-thaw cycles, UV exposure and stress, and they have shown no signs of deterioration.

A 10-year warranty is available. Please contact *GREEN LINK* for details.



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