

## Installation Instructions

# Strong Net Skylight Cover

## Installation over raised framed hatches



The Strong Net Skylight Cover provides an enhanced level of safety to roof work when operations take personnel near unprotected or underprotected skylight or hatch openings.

The safety net cover is designed for raised lip covers that provide a vertical surface for securing an anchoring strap.

The safety net cover is sized to the opening and tagged with associated net dimensions. No hand tools required for installation of the safety net cover.

These instructions show standard installations. Read all information.

**Unpack the net and installation ratchet strap.** Check the net and components against the packing slip for description, quantity, and size before proceeding with installation. Contact Strong Man if anything is missing, not to size, or if any portion of the system is damaged. Do not substitute any material not covered in these instructions.

**Review the Instruction carefully** before installing the Strong Net Skylight Cover. Keep in mind that safe practices must always be used during installation, inspection, maintenance and removal.

**Note:** *The Strong Net Skylight Cover is not intended for use as an anchorage device for rope access.*



## INTRODUCTION & INSTALLATION

### Strong Net Skylight Cover



The Strong Net Skylight Cover is designed to keep a person from falling through an opening that is either not properly secured with a hard cover or is otherwise a temporarily unprotected roof opening.

The impact absorbing synthetic mesh net provides enhanced fall through protection from objects exceeding the skylight strength. The Strong Net Skylight Cover is designed to contain a load of 1000 lb.

The safety net fits over the skylight or hatch opening to which a ratchet strap can be cinched tight around the framed opening.

The Strong Net Skylight Cover requires a minimum 2 inch vertical raised perimeter (lip) suitable for securing the ratchet strap. The mounting surface must not tilt inward so as to allow the strap to loosen.

The dimensions of the net, sales order number and date of manufacture are located on the identification tag.

The Strong Net Skylight Cover exceeds the load requirement of ANSI A1264.1, and the owners requirement to meet OSHA 1910.28(b)(3)(i) for protection of a roof opening. For construction purposes, installation of the safety net will meet the employers requirement for a safe walking/working surface, OSHA 1926.501(b) (1), and Cal/OSHA Title 8, Subchapter 7, §3212 Floor openings, holes and skylights.

### Installation

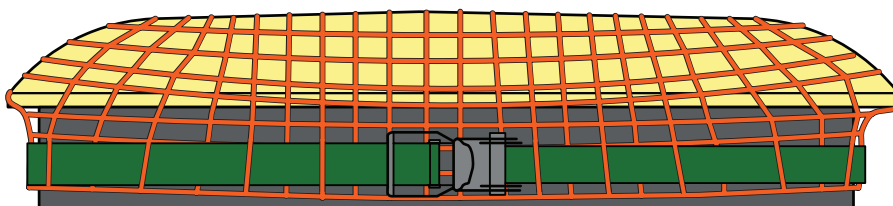
1. Check to be sure that there are no sharp edges on the skylight /hatch perimeter that might cut into the net or ratchet strap when tightened. Protect or remove such edges before installing the Strong Net Skylight Cover.
2. Spread the net across the skylight /hatch with equal spacing on all sides. Use the corner ties to pull the net into position. If the ratchet strap is supplied threaded through the perimeter, orient the net with the ratchet handle on the outside.
3. The net must reach down the sides of the framed opening in order to be secured to the skylight /hatch.
4. If the ratchet strap is supplied loose, thread the ratchet strap through the perimeter mesh.
5. Tighten the web strap around the raised framework to secure the net in place. Do not over-tighten so as to cause fracturing of the frame.



Notes: Check the net and ratchet strap on a scheduled basis and replace if damage has been detected.

The expected service life of the Strong Net Skylight Cover is 2-5 years, considering an outdoor installation in direct sun.

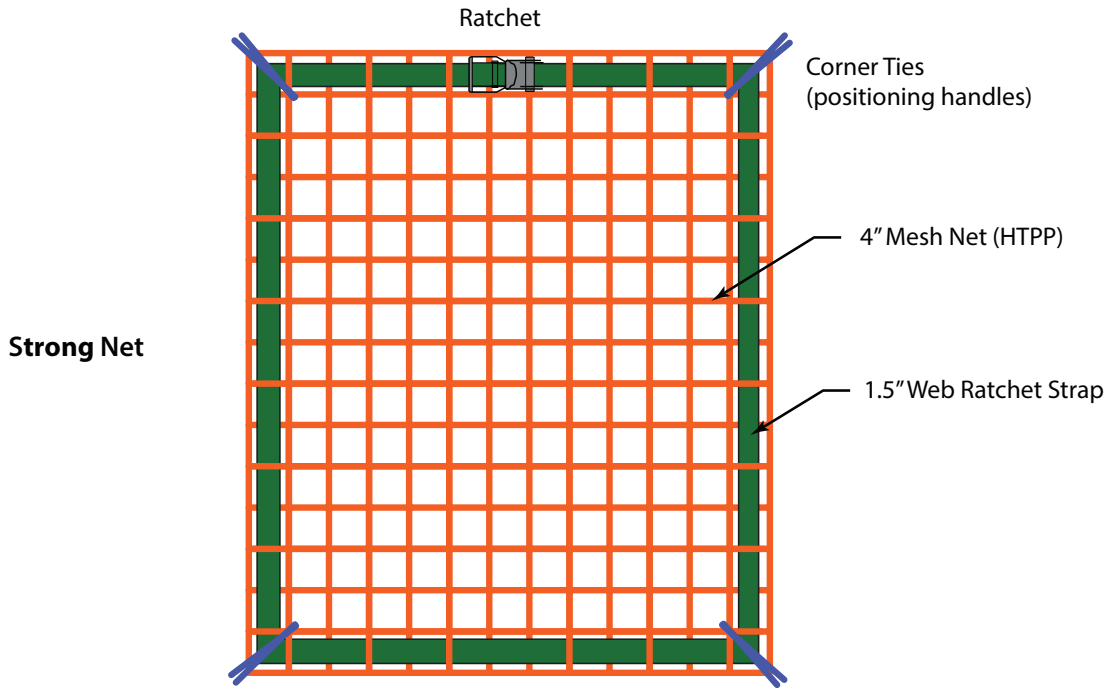
The Skylight Net is not intended for use as an anchorage device for rope access.



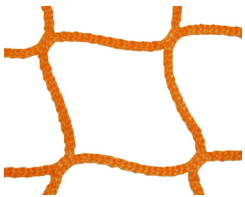
Strong Net shown secured with web strap around the framework of the skylight.

# PARTS & SPECIFICATIONS

## Strong Net Skylight Cover



**Strong Net**



Net Identification Tag (example)



Netting Specifications	
Style	Raschel Knotless Netting
Fiber	High Tenacity, Polypropylene (HTPP)
Cord Diameter	3/16 inch (5 mm)
Mesh Size	4 inch (100 mm) square opening measured between mesh joints
Border	1/4 inch sewn rope border
Net Color	Orange
Mesh Break	720 lbf (3.20 kN)
Dynamic Test Load	2000 ft-lb (2700 N-m)
Web Ratchet Strap Specifications, Polyester	
Web Material	1.5 inch Polyester
Tensile Test	6000 lbf (26 kN)

**Inspection Records and Notes**



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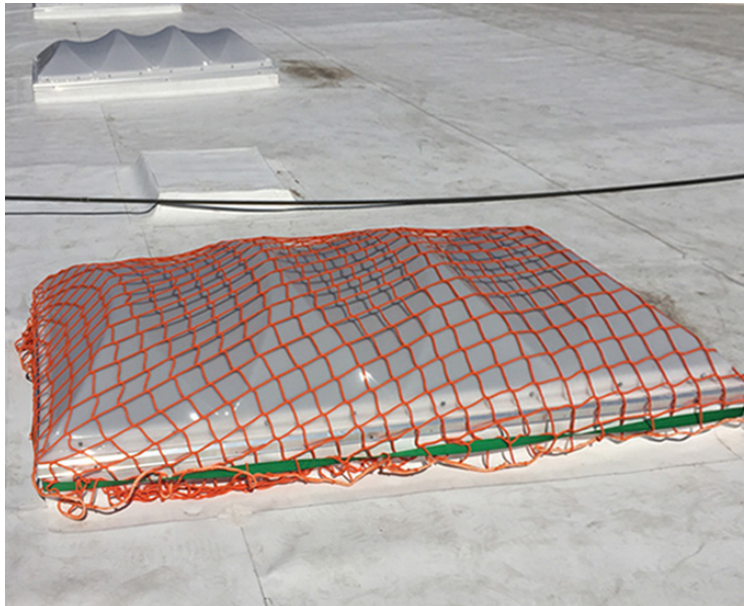
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Inspection of the net should be on a schedule of twice yearly, or following any roof work or damaging weather conditions.

- Inspect for: a. Torn mesh creating a hole larger than six inches total diameter.
- b. Damage to the skylight frame /raised perimeter lip.

**Strong Net Skylight Cover  
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**SAFETY FIRST.  
GO STRONG!**

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