



V A R C O P R U D E N B U I L D I N G S

SKY-WEB II®

ACCESSORIES



FEATURES

- Leading edge fall protection
- Meets most standard building designs
- Provides attractive support for insulation
- Sturdy nylon mesh
- Complies with OSHA fall protection standard

BENEFITS

- Reduces risk and improves job-site safety
- Sky-Web II remains in place to provide attractive support for insulation after construction
- Easy to install and allows work crews to move safely on roof during construction

SKY-WEB II®

Provides fall protection during construction and insulation protection throughout the life of your building

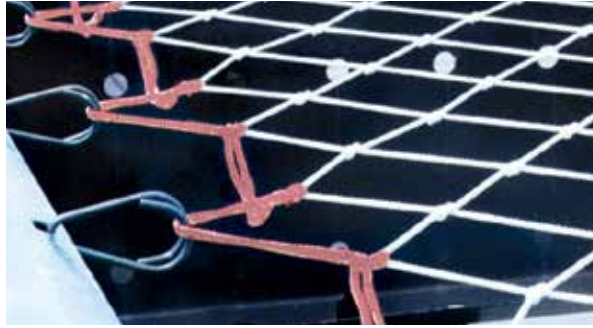
The Sky-Web II® Fall Protection and Insulation Support System is an innovative passive restraint system that protects workers from falls at the leading edge of a roof. It does this by providing a “web” of knotted nylon mesh that is attached to the perimeter of the roof’s secondary structural members. With minimal investment, Sky-Web II increases safety and efficiency, reduces injury, and is easy to install.

By providing a continuous layer of material over the secondary roof members, workers can work at the leading edge of the roof without being tied-off. The ability to work freely without being tangled in safety lines or installing portable safety nets below the roof surface accelerates the erection process. Safety is achieved and efficiency is gained by using this innovative and cost-effective system.

Sky-Web II is a made-to-order product that arrives at the job site with all of the instructions and required hardware necessary to complete the installation.

The system consists of a 2 3/4” x 2 3/4” knotted nylon mesh that can accommodate every building configuration, with the exception of skewes, hips and valleys.

For information about this or any other VP product or service, contact your local authorized VP Builder.



OSHA INFORMATION

The U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) does not provide approvals or endorsements of products or methods. However, OSHA does evaluate concepts to ascertain their likelihood of providing compliance with applicable safety standards. OSHA reviewed the Sky-Web II system and concluded that, when properly installed, it would “...provide adequate interior fall protection and be in compliance with OSHA’s fall protection standards.” The Sky-Web II system does not, however, eliminate the fall hazard from the perimeter of the roof. OSHA document 29 CFR 1926 (u)(3), requires that workers be protected from falls along all roof edges to which they are exposed. Quality assurance testing, witnessed by an independent consulting firm, provided verification of the system’s capabilities.

General	<p>A. The Fall Protection and Insulation Support System is the Sky-Web II® system as furnished by VP Components, and installed in accordance with manufacturer’s instructions.</p> <p>B. The system is compatible with all Varco Pruden roof systems including the solid web frames, open web frames, WideBay and Deck*Frame structural systems by Varco Pruden Buildings.</p> <p>C. The system must be installed over the top of the roof secondary structural members in accordance with the manufacturer’s installation instructions.</p>
Product Description	<p>A. The basic mesh is a knotted mesh on a nominal 2-3/4" by 2-3/4" grid. The mesh is made from twisted twine of DuPont™ nylon Type 6-6 fiber. The mesh covering interior bays is made from #21 twine. The mesh covering end bays is made from #21 twine except a 6' strip along the edge which is made from #30 twine. This edge shall be color coded for identification.</p> <p>B. The mesh has a double selvage along the two edges in the machine direction.</p> <p>C. The mesh is furnished in single pieces in any building width by up to 60 feet in building length. This means that a building that is 200' wide with 30' bays, will have pieces furnished that are 200' by 60' in size. The pieces will normally be ordered so that splices can be made over frame lines.</p>
Physical Properties	<p>A. The #21 twine and the #30 twine used to make the mesh shall have a minimum tensile strength of 205 pounds and 265 pounds, respectively. The #21 twine shall have a runnage of 960 feet per pound and the #30 twine shall have a runnage of 605 feet per pound.</p> <p>B. The cord used to make the mesh-to-mesh edge connections shall be a #36 DuPont™ nylon Type 6-6 white braided twine. It shall have a minimum tensile strength of 350 pounds and a runnage of 533 feet per pound.</p> <p>C. The mesh weight shall be 0.012 pounds per square foot.</p>
Application	<p>A. The roof structural system must be in place prior to installation of the Sky-Web II system.</p> <p>B. The Sky-Web II system remains in place after the metal roofing is installed.</p> <p>C. The system must be fastened to structural framing at the perimeter of the building. Mesh-to-mesh connections must be made above the interior frames.</p> <p>D. The installed system should conform to the geometry of the fiberglass blanket insulation in order to maintain the roof system’s designed insulation value.</p>
Fasteners and Hardware	<p>A. Connections to the eave members and to the gable members are made with 1/8" diameter wire clips that are looped through 20 gauge steel v-straps in accordance with manufacturer’s instructions. The steel v-straps are fastened to the framing with self-drilling screws in accordance with manufacturer’s installation instructions.</p>
Fire Hazard Classification	<p>A. The Sky-Web II system has a Flame Spread Index of 3 or less and a Smoke Developed Index of less than 10 as tested in accordance with U.L. 723.</p>

Sky-Web II is registered to BlueScope Buildings North America



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