

SKYLIGHT SCREENS

TIE DOWN

S A F E T Y

Skylight screens protect people from falling thru skylights. OSHA Standards (29 CFR 1910.23 and 29 CFR 1910.66 (a)(4)) require all skylights to be protected by compliant screens or railings. To be OSHA compliant, skylight screens must pass a 200-pound load test for most of the USA and a 400-pound force for CAL OSHA Standards.



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USA

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MANUFACTURING INGENUITY

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SKYLIGHT SCREENS TIE DOWN

There are many types of skylights, therefore there are many types of skylight fall protection screens. Some screens clamp onto the skylights and do not penetrate the roofing membrane. Others use screws that fasten into the skylights. Some transfer a fall load to the roof. Here are a few skylight types:

STS MODEL SKYLIGHT SCREEN

Mounting Frame consists of two extruded 6005-T6 aluminum rails that rest on the outside frame of the skylight on its long sides. The aluminum frames are connected with two 5/16" cold rolled, zinc plated threaded rods installed on the short sides of the skylight with nylon insert lock nuts and zinc-plated washers. The screen material is .187 and .250 diameter 304 stainless steel or galvanized carbon steel wire in a 4" X 4" grid. The screen is positioned in the channel of the aluminum frame and then locked into place with 1" aluminum clips attached to the frame using 1/2" stainless steel hex head screws.



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SRS MODEL SKYLIGHT SCREENS

Screen material is .187 and .250 diameter 304 stainless steel or galvanized carbon steel wire in a 4" x 4" grid. The screen rests on the roof surface and is attached to the skylight frame with vinyl coated stainless steel straps mounted on the vertical wire grid. Self-tapping screws fasten the screen to the skylight frame.



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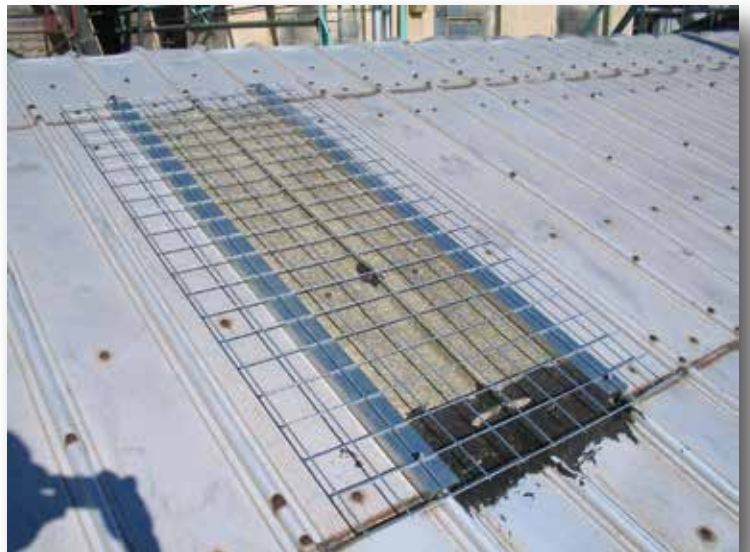
SSS MODEL SKYLIGHT SCREENS

Screen material is .187 and/or .250 diameter 304 stainless steel or galvanized wire in a 4" X 4" grid. The larger wire diameter may be used in screens designed to fit skylights of more than 25" in width. Stainless steel straps and aluminum clamps secure the screen the roof ribs without penetrating the roofing membrane. The clamps are tightened to the ribs with set screws.



SCS MODEL SKYLIGHT SCREENS

Screen material is .187 galvanized carbon steel wire in a welded 4" X 4" grid, flat with an overall size of 40" x 128". Support Channels are 128" in length and are formed to fit over standard ribbed or corrugated profiles. Channels rest on two of the skylight panel major ribs and are positioned lengthwise beyond the ends of the installed skylight and are attached through the roof to the steel or wood building purlins with supplied fasteners. The screen is attached at the same time using metal clips included in the kit.



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