



Crystalite, Inc.
3307 Cedar Street
Everett, WA 98201

1-800-666-6065
www.CrystaliteInc.com
info@crystaliteinc.com

Fall Protection Safety Grids for Skylight Openings

Overview	General	<p>Safety Grids are installed on the top of the structural curb in the daylight opening which allows for retrofit installations as well as new construction. They can be in place during construction, even before roofing is complete and well before skylights are finally installed. By being installed below the skylight, they are protected from the weather and other exterior sources for corrosion. Safety Grids may remain in place to provide protection during maintenance, skylight replacement, and other roof repairs.</p> <p>ELITE Safety Grid is comprised of 1/8" galvanized cable to make the 4x4 inch grid. SENTRY Safety Grid is comprised of 1/4" woven steel mesh to make the 4x4 inch grid.</p>
Structural Performance	Overview	<p>Testing was performed and witnessed by a certified 3rd party testing laboratory, NCTL-NW. Test reports available upon request.</p> <p>Resisted, without failure, a dynamic drop bag impact force of 800 ft-lbs. applied by dropping a 200 lbs heavy bag from a height of 4 feet. After impact, a second static load was applied. The safety grid resisted without failure, the static load of 1,038 pounds.</p> <p>Resisted, without failure, two dynamic drop bag impact forces on to the same specimen. These impacts were of 900 ft-lbs and 1,050 ft-lbs respectfully; applied by dropping a 300 lbs. heavy bag from a height of 36 and 44 inches.</p>
Primary Materials & Installation	ELITE Safety Grid	<p>Perimeter Frame - Extruded aluminum of alloy 6063-T5. Grid Infill – Galvanized steel cable. Construction – Cable infill is threaded through the aluminum frame with ends crimped.</p>
Warranty	SENTRY Safety Grid	<p>Perimeter Frame - Extruded aluminum of alloy 6063-T5. Grid Infill – Woven cold formed steel mesh. Welded to a steel interior frame. Construction – Steel infill is mechanically fastened to the aluminum frame with a plastic film barrier preventing dis-similar metal corrosion.</p> <p>Installation</p> <p>Safety Grids shall be installed on to skylight curbs, below the skylight frames. Fastened to through the top of the Safety Grid frames and into the curbs.</p> <p>Summary</p> <p>Warranted against manufacturer's defects for a period of ten (10) years from date of purchase.</p> <p>Stipulations</p> <p>Replacement units will be remanufactured in the same size and type as the original units only and does not include removal of defective unit or installation of replacement unit.</p>