

15.08.190 – Commercial building - Roof openings

- A. All glass skylights on the roof shall be secured as follows:
Skylight units, or portions of openings utilizing transparent panels, shall be provided with burglar-resistant glazing material, meeting or surpassing Underwriters' Laboratory test 972. The skylight unit shall be securely fastened to the roof in such a manner as to prevent removal from the exterior by a person using common tools.
- B. All hatchway openings on the roof shall be secured as follows:
1. If the hatchway is of wooden material, it shall be covered on the inside with at least sixteengauge sheet steel or its equivalent, attached with screws on minimum six-inch centers or atleast seventeen-gauge sheet steel or its equivalent, attached tot he outside by rounded head flush bolts or vandal-proof screws.
 2. The hatchway shall be secured from the inside with a slide bar or slide bolts. The use of a crossbar or padlock must be approved by the fire chief.
 3. Outside hinges on all hatchway openings shall be provided with nonremovable pins when using pin-type hinges, and/or a steel dowel projecting a minimum of one-half inch from one plate into the opposite plate of the hinge.
- C. All air duct or air vent openings exceeding eight inches by twelve inches on the roof or exterior walls should be secured as follows:
1. Iron bars of at least one-half inch round or one inch by one-quarter inch flat steel material spaced no more than five inches apart and securely fastened; or
 2. A steel grill of at least one-eights inch material or two-inch mesh and securely fastened.
 3. If the barrier is on the outside, it shall be secured with rounded head flush bolts on the outside.

(1978-M-48 : § II Art. 16)