



The EZ Roof Mount Kit with L-Foot for shingle roofs, exceeds the competition in quality, reliability and price. The kit has been certified under IAPMO ES for watertight compliance UL 441 criteria, and it is 100% compliant with International Building Code (IBC) and International Residential Code (IRC). SunModo's EZ Roof Mount kits meet the following building codes that apply to the installation of roof top mounts and Solar PV systems.

**IBC (International Building Code):**

**1503.2.** Flashing shall be installed in such a manner so as to prevent moisture entering the wall and roof through joints in copings, through moisture- permeable materials and at intersections with parapet walls and other penetrations through the roof plane.

**1503.2.1** Flashing shall be installed at wall and roof intersections, at gutters, wherever there is a change in roof slope or direction; and around roof openings. Where flashing is of metal, the metal shall be corrosion resistant with a thickness of not less than 0.019 inch.



**1506.1** The requirements set forth in this section apply to the application of roof-covering materials specified herein. Roof coverings shall be applied in accordance with this chapter and the manufacturer's installation instructions. Installation of roof coverings shall apply to the applicable provisions of Section 1507.

**1506.2** Compatibility of Materials. Roofs and roof coverings shall be of materials that are compatible with each other and with the building or structure to which the materials are applied.

**1506.4** Product Identification. Roof covering materials shall be delivered in packages bearing the manufacturers identifying marks and approved testing agency labels required in accordance with Section 1505 Bulk shipments of materials shall be accompanied with the same information issued in the form of a certificate or on a bill of lading by the manufacturer.



**1507.2.9** Flashings. Flashings for asphalt shingles shall comply with this section. Flashing shall be applied in accordance with this section and the asphalt shingle manufacturer's printed instructions.

**1507.8.7** At the juncture of the roof and vertical surfaces, flashing and counter flashing shall be provided in accordance with the manufacture's written installation instructions, and where of metal, shall not be less than 0.019 inch (0.48mm) (No, 26 galvanized sheet gage) corrosion-resistant metal.

## IRC (International Residential Code): Chapter 23 Solar Systems

**M2301.2 Installation:** Installation of solar energy systems shall comply with Sections M2301.2.1 through M2301.2.9.

**M2301.2.2 Roof-mounted collectors:** The roof shall be constructed to support the loads imposed by roof-mounted solar collectors. Roof-mounted solar collectors that serve as a roof covering shall conform to the requirements for roof coverings in Chapter 9 of this code. Where mounted on or above roof coverings, the collectors and supporting structure shall be constructed of noncombustible materials or fire-retardant-treated wood equivalent to that required for the roof construction.

**M2301.2.7 Roof and wall penetrations:** Roof and wall penetrations shall be flashed and sealed in accordance with Chapter 9 of this code to prevent entry of water, rodents and insects.

**R901.1 Scope:** The provisions of this chapter shall govern the design, materials, construction and quality of roof assemblies.

**R903.1 General:** Roof decks shall be covered with approved roof coverings secured to the building or structure in accordance with the provisions of this chapter. Roof assemblies shall be designed and installed in accordance with this code and the approved manufacturer's installation instructions such that the roof assembly shall serve to protect the building or structure.



**R903.2 Flashing:** Flashings shall be installed in a manner that prevents moisture from entering the wall and roof through joints in copings, through moisture permeable materials and at intersections with parapet walls and other penetrations through the roof plane.

**R903.2.1 Locations:** Flashings shall be installed at wall and roof slope or direction around roof openings. Where flashing is of metal, the metal shall be corrosion resistant with the thickness of no less than 0,019 inch (0.5 mm) (No. 26 galvanized sheet).

**R905.2.8 Flashing:** Flashing for asphalt shingles shall comply with this section.

**R905.2.8.5 Other Flashing:** Flashing against a vertical front wall, as well as soil stack, vent pipe and chimney flashing, shall be applied according to the asphalt shingle manufacturer's printed instructions.

### California Building Standards Code: Title 24, Section 1503

**In Section 1503.2** "Flashings shall be installed in such a manner so as to prevent moisture from entering the wall and roof through joints in copings, through moisture permeable materials, and at intersections with parapet walls and other penetrations through the roof plane."

**In Section 1503.2.1** "Flashings shall be installed at wall and roof intersections; wherever there is a change in roof slope or direction; and around roof openings. Where flashing is of metal, the metal shall be corrosion-resistant with a thickness of not less than 0.019 inch (No. 26 galvanized steel)."

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