



★ ★ ★ ★ ★ **INSTALLATION MANUAL** ★ ★ ★ ★ ★





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The details included in this guide are for general and illustrative use and may not be applicable in all environments and conditions. Note that specific projects or local jurisdictions may have alternate requirements. Always consult the local building code and specification documents for your project to ensure all applicable requirements are met.





STORAGE AND HANDLING

When moving longer panels, two lift points may be required—always keep the full length of the panel supported.

RECOMMENDED TOOLS INCLUDE:

- For Standing Seam Only:** Pop rivet tool and hemming tool: locking pliers are an optional tool that may also be helpful.

- Do not install metal panels on windy days—at the right angle, the wind can turn a metal panel into a sharp metal sail.
- Metal roofing can be very slick when wet, even just from overnight dew. Avoid working on metal roofs when wet.
- Metal roofing can also be very hot in direct sunlight—wear gloves and/or long pants/knee protection to prevent burning.
- Wear soft soled shoes to provide better traction and avoid scratching the panels.
- Do not step on panels before they have been completely secured to the roof deck—an unsecured panel may slide down the roof.
- For standing seam panels, do not step on the panel ribs—only the flat part of the panel.







REROOFING

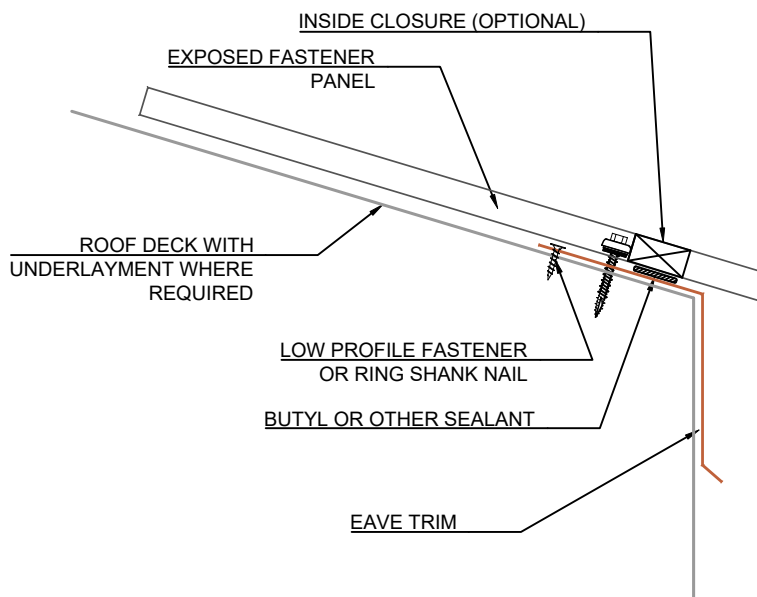
It is generally best to remove any existing roofing (shingles, etc.) before installing metal roof panels. This allows for an inspection of the roof deck and underlayment, and replacement of any damaged areas as needed. It is also important to provide a flat and smooth deck for the metal roof panels.

When a project requires installation over existing roofing, most building codes allow this when certain conditions are met. Check the applicable building code if needed. To install over existing roofing, consider the following:

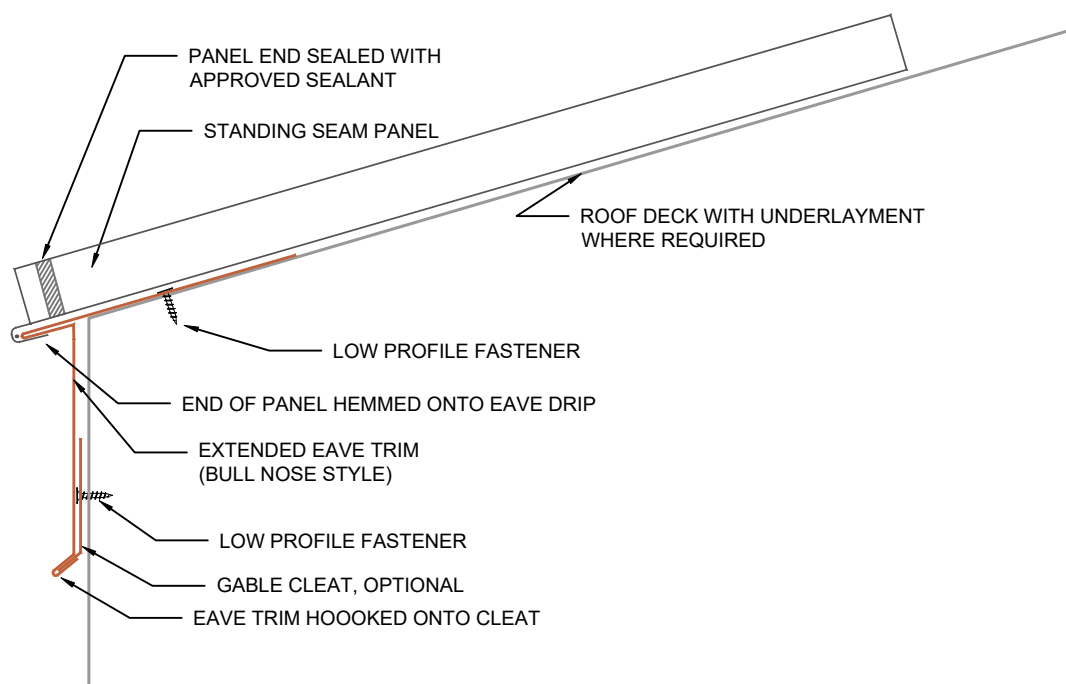
- Inspect the roof for defects and be sure the surface is flat, level, and smooth. Repair existing roofing and/or sheathing as needed.
- Check for nails or other protrusions and remove. Remove any debris (leaves, moss, etc).
- In most cases, remove the ridge and hip cap, and flashing around vents or pipes.
- Cover the deck with an approved underlayment, installed per the applicable code provisions and manufacturer's instructions.
- Install metal panels and trim.



EXPOSED FASTENER



STANDING SEAM



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