

Begin Clip-Flange Module Training 4 hours

Goals for Second Half of the Day

Begin “clip-flange” modular” training.

Install eave trim.

Install valley trim.

Install Clip-Flange Modular Eave Trim 2 hours

Learning Objectives

Understand how to measure and cut eave trim at inside and outside corners.

Understand how to screw in eave trim.

Resources

Vail Titan Select and Majestic Copper Roofing Application Instructions

 Sidewall flashing discussions

Vail Installation Video

 Eave trim installation

Install Nail-Flange Valley Trim 1½ hours

Learning Objectives

Understand how to measure, cut, bend and install valley trim.

Understand how to attach valley trim using clips.

Resources

Vail Titan Select and Majestic Copper Roofing Application Instructions

 Valley discussions

Vail Installation Video

 Valley trim installation

Install Gable Trim ½ hour

Learning Objectives

Understand how to measure, cut and install clip-flange modular gable trim.

Resources

Vail Titan Select and Majestic Copper Roofing Application Instructions

 Rake edge discussions

Vail Installation Video

 Valley trim installation

Homework

Vail Titan Select and Majestic Copper Roofing Application Instructions

 Field panel, hip cap, and pitch change flashing discussions (see Day 10 for text)

Vail Installation Video

 Shingle installation

 Installing Hip Panels and Hip Caps

 Installing Slope Transition Panels and Flashing

Continue Clip-Flange Modular Training

Goals for the Day

Continue clip-flange modular panel training.

Install field and valley panels.

Install ridge flashing.

Install pipe vent panels.

Install Valley, Field and Hip Clip-Flange Shingles 3½ hours

Learning Objectives

Understand how to measure, cut and install clip-flange panels in the field and at valleys.

Resources

Vail Titan Select and Majestic Copper Roofing Application Instructions

Field panel discussions

Vail Installation Video

Shingle installation

Install Clip-Flange Hip Trim 1 hour

Learning Objectives

Understand how to measure, cut bend and install hip caps at the eave.

Understand how to install remaining hip caps.

Resources

Vail Titan Select and Majestic Copper Roofing Application Instructions

Hip cap discussions

Vail Installation Video

Installing Hip Panels and Hip Caps

Install Clip-Flange Slope Transition Trim, Panels and Flashing 3 hours

Learning Objectives

Understand how to install slope transition eave trim.

Understand how to install clip-flange modular shingles at slope transitions.

Understand how to install slope transition flashing.

Resources

Vail Titan Select and Majestic Copper Roofing Application Instructions

Pitch change flashing discussions

Vail Installation Video

Installing Slope Transition Panels and Flashing

Clean-up ½ hour

Homework

Vail Titan Select and Majestic Copper Roofing Application Instructions (see Day 10 for text)

Fireplace installation discussions

Ridge cap discussions

Vail Installation Video

Installing

Installing Chimney Panels and Trim

Ridge Caps

Day 13 Finish Clip-Flange Modular 4 hours

Goals for First Half of the Day

Complete clip-flange modular training.

Install Clip-Flange Chimney Panels and Trim 3 hours

Learning Objectives

Get a feel for the complex task of installing roofing around a large opening like a chimney.

Understand how to measure, cut and install clip-flange chimney panels.

Understand how to measure, cut and install uphill, side and headwall trim.

Understand the importance of “shingling.”

Get a feel for thinking about how water flows down a roof and around an opening like a chimney and how that impacts the way roofing is installed.

Resources

Vail Titan Select and Majestic Copper Roofing Application Instructions

Fireplace installation discussions

Ridge cap discussions

Vail Installation Video

Installing Chimney Panels and Trim

Installing Ridge Caps

Dismantle Clip-Flange Shingles and Flashing 1 hour

Learning Objectives

Reinforce understanding of how “whole system” comes together

Continue practicing use of tools, walking around on the roof, handling and moving panels and trim.

Resources

None