

Begin Through-Fastened Vertical Seam Training

Goals for the Day

Installing Hip Flashing

Review through-fastened system basics.
Practice with tools.
Install through-fastened eave trim.
Install through-fastened valley trim.

Through-fastened system basics 1½ hour

Practice with Key Through-Fastened Tools and Equipment 1½ hour

Install Through-Fastened Eave Trim 2½ hours

Learning Objectives

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

Resources

MBCI 5V Crimp Manual
pp. V1 – V8, V11, V14
MBCI 5V Installation Video
Eave trim inside corner
Eave trim outside corner

Install Through-Fastened Valley Trim 2 hours

Learning Objectives

Understand how to measure and cut valley trim at the eaves and at the ridge.
Understand how to screw in valley trim.

Resources

MBCI 5V Crimp Manual
p. V11
MBCI 5V Installation Video
Valley Flashing

Clean-Up ½ hour

Homework

MBCI 5V Crimp Manual
p. V 4 - V7, V 12 (see Day 3 for text)
MBCI 5V Installation Video
Panel installation basics
Installing panels at hips and valleys

Continue Through-Fastened Vertical Seam Training

Goals for the Day

Continue “through-fastened” training.
Understand the basics of handling panels.
 Install field, hip and valley panels.
 Install hip flashing.

Vertical Seam Panel Handling Basics 1 hour

Learning Objectives

Understand basic sizes, shapes and properties of standing seam metal panels.
 “Get the feel” for how panels are handled, stacked, moved and walked on.
Revisit using some of the core tools.

Resources

MBCI 5V Crimp Manual
p. V 4 - V7
MBCI 5V Installation Video
Installing Panels at Hips and Valleys

Install Hip and Valley Through-Fastened Panels 4 hours

Learning Objectives

Understand how to measure, cut and install through-fastened panels in the field and at hips and valleys.

Resources

MBCI 5V Video
Installing panels at hips and valleys

Install Through-Fastened Hip Flashing 2½ hours

Learning Objectives

Understand the purpose of and how to measure, cut and install “z-closures.”
Understand how to measure, cut and install hip flashing over the “z-closures.”

Resources

MBCI 5V Crimp Manual
p. V 12
MBCI 5V Video
Installing Hip Flashing

Clean-Up ½ hour

Homework

MBCI 5V Crimp Manual

pp. V-10; V-16 (see Day 3 for text)

MBCI 5V Video

Installing panels at roof penetrations

Installing panels at a slope transition

Meridian Installation Manual

p. 1 – 15, 24, 28

McElroy Installation Video

Eave trim installation

Valley trim installation

Finish Through-Fastened Training 4 hours

Goals for First Half of the Day

- Finish through-fastened training.
- Install panels at pipe vents.
- Install slope transition panels and flashing.
- Dismantle through-fastened roofing.

Install Panels at Pipe Vents ½ hour

Learning Objectives

- Understand how to measure and locate holes over vent pipes and other roof penetrations.
- Understand how to cut holes out of panel metal.

Resources

- MBCI 5V Video
- Installing panels at roof penetrations

Install Through-Fastened Slope Transition Panels and Trim 2 hours

Learning Objectives

- Understand how to install panels at slope transitions.
- Understand how to install slope transition flashing.
- Understand the importance of, and how to install, tape sealer at slope transitions.

Resources

- MBCI 5V Crimp Manual
- pp. V-10; V-16
- MBCI 5V Video
- Installing panels at a slope transition

Dismantle Through-Fastened Panels and Flashing 1½ 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