

SLATE ROOFING

INSTRUCTIONAL GUIDE

for the

Centennial System®



MIDDLE GRANVILLE, NEW YORK, U.S.A

Office and Shipping Station: 2027 County Route 23, Middle Granville, NY 12849

Phone: 855-677-6257

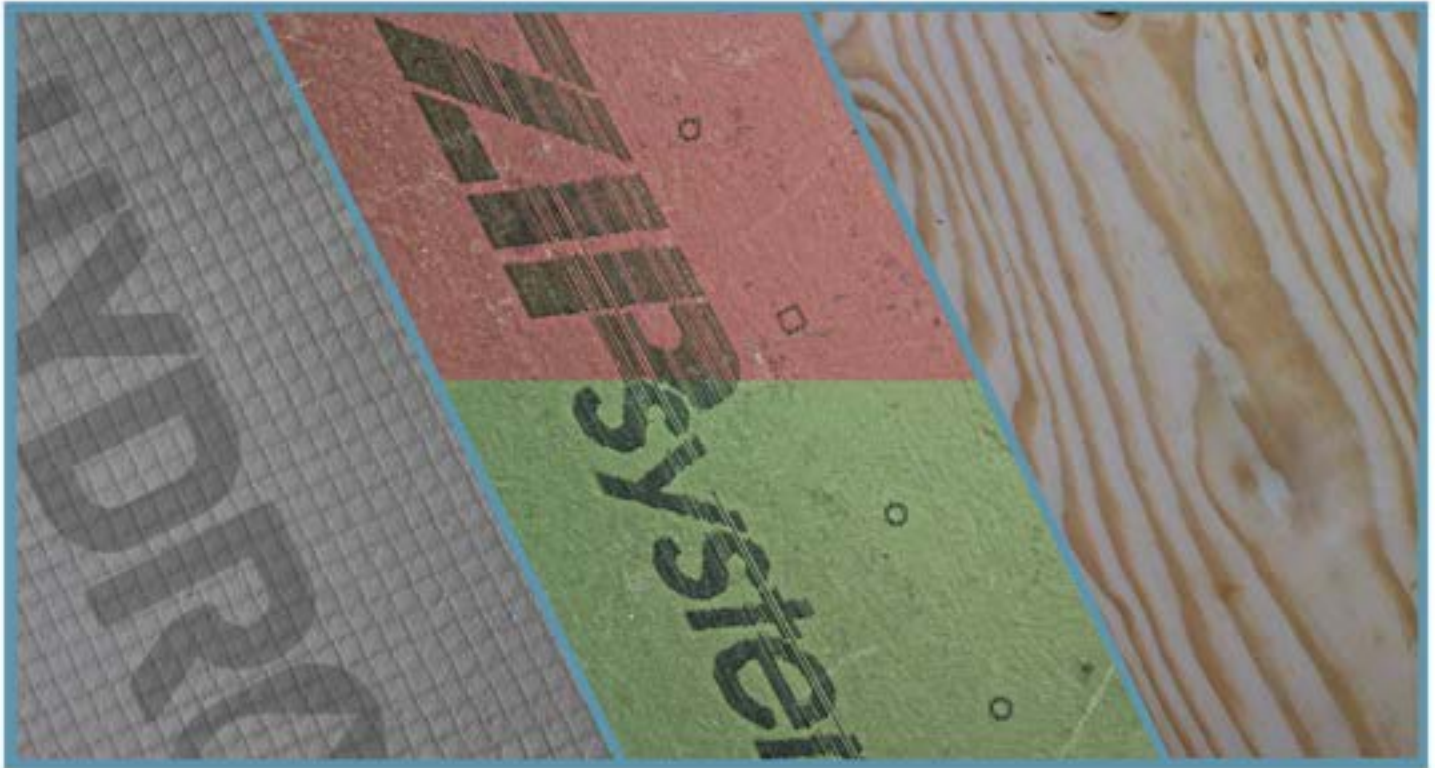
Email: info@mslate.rocks

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Velcro, Hook Applied Board



HYDROBLOK

ZIPsystem

PLYWOOD

HYDROBLOK

HYDROBLOK board is specifically designed to withstand water prone environments. The board is covered in an industrial grade Velcro hook material that will mate with the loop side of the stone and rain diverter. (3'x5' 1/4", or 4'x8' 1/2")

ZIP System

ZIP system boards are available with the Velcro hook in both the green and red variations giving the ability to choose the desired thickness while still obtaining the level of protection you demand in a roof. (4'x8' 7/16", 1/2" or 5/8")

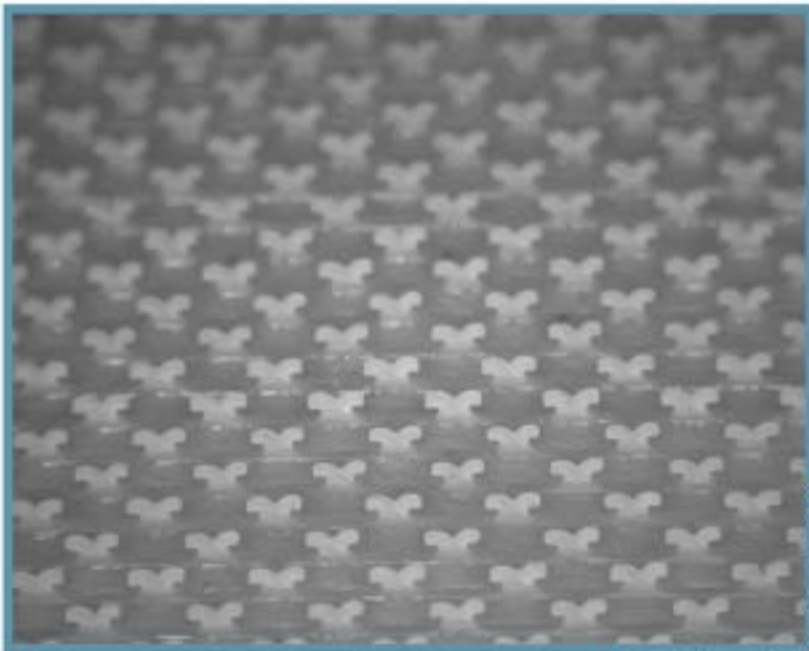
Plywood

Traditional plywood is also able to be used with the Centennial System® with a wide range of options giving ultimate flexibility (4'x8' 1/4", 1/2", 5/8" or 3/4")

Velcro Information

The Centennial System uses hook and loop to fasten slate to the roof. The slate has 2" wide white hook on the side facing up. This Hook will be the mate to the loop on the rain diverter. The bottom is equipped with two 2" wide loop strips. One on the top side will mate with the hook applied board. The bottom piece will mate with the hook on the rain diverter.

Hook



Plastic hooks to catch loop

Loop

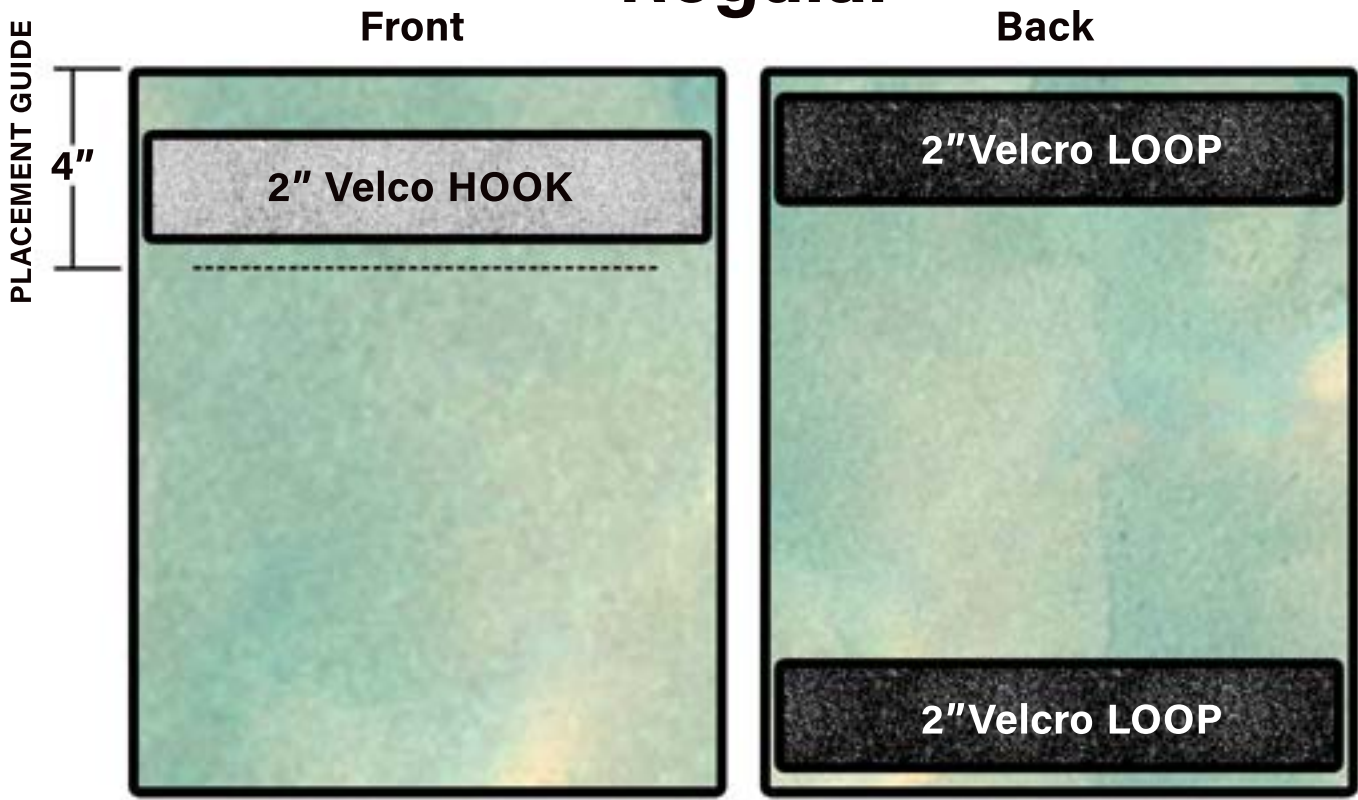


Hairlike loops to tangle in the hook

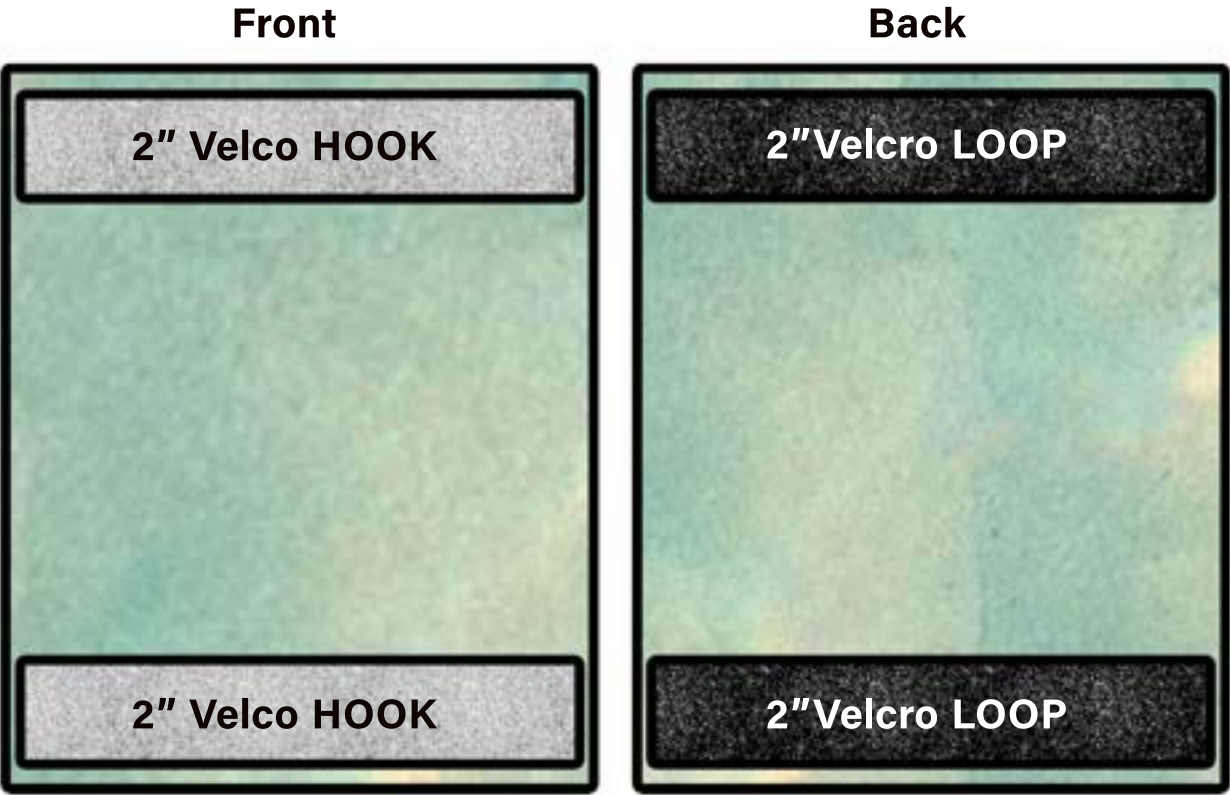
***** For visual representation, all hook images will be drawn as white despite it being black on the rain diverter product. *****

Slate Velcro Configuration

Regular



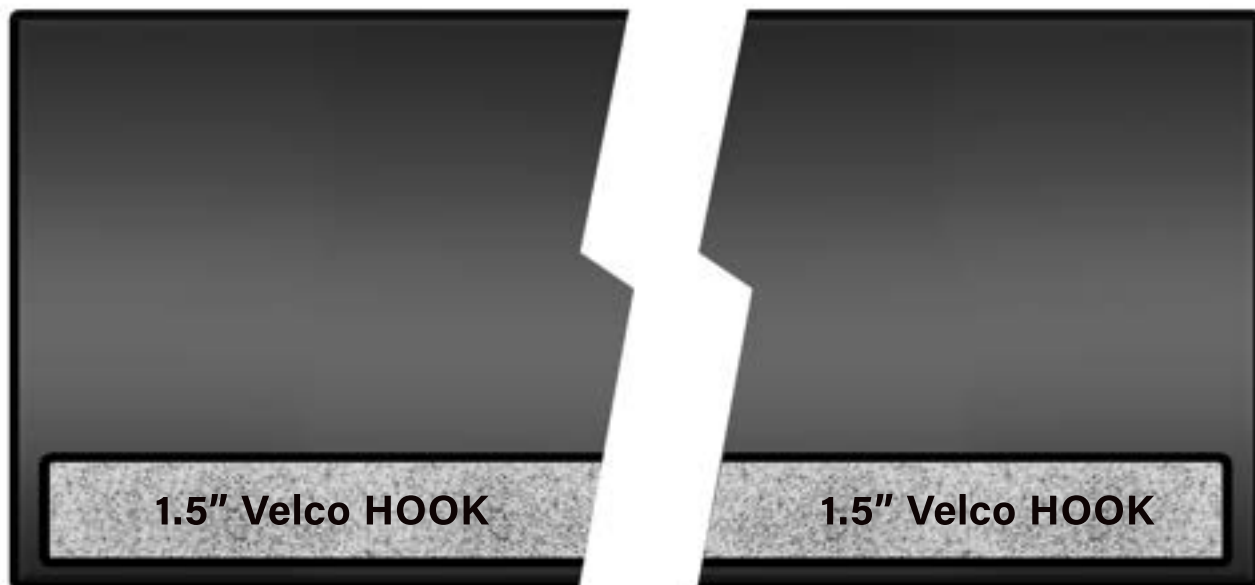
Starter



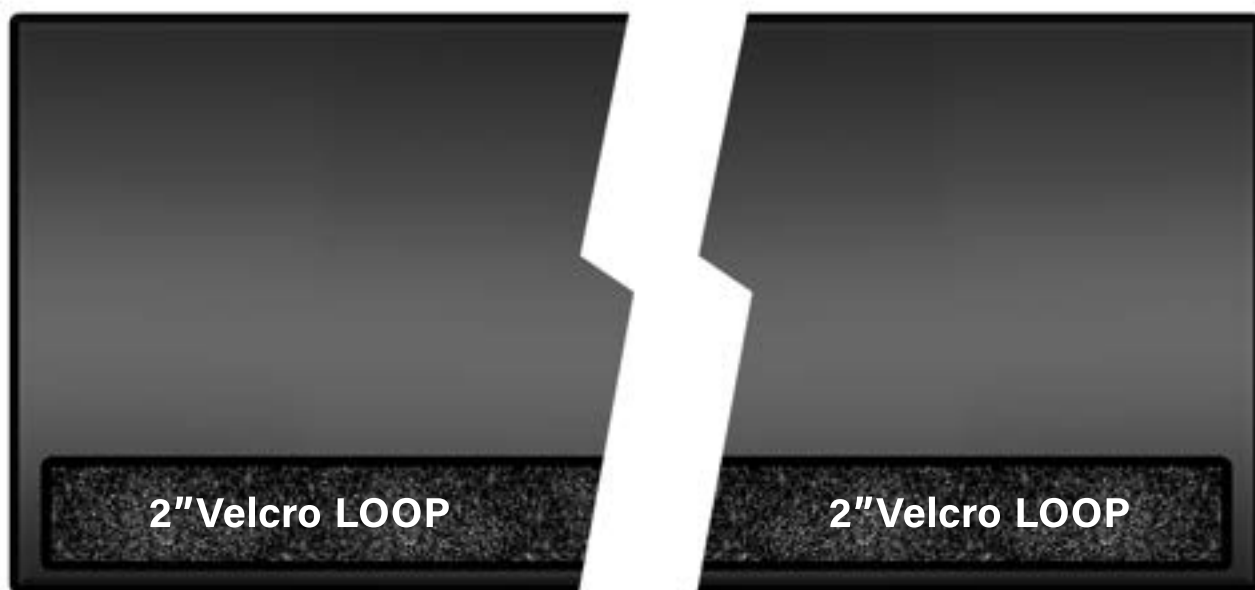
NOT DRAWN TO SCALE

Rain Diverter Velcro Configuration

Front



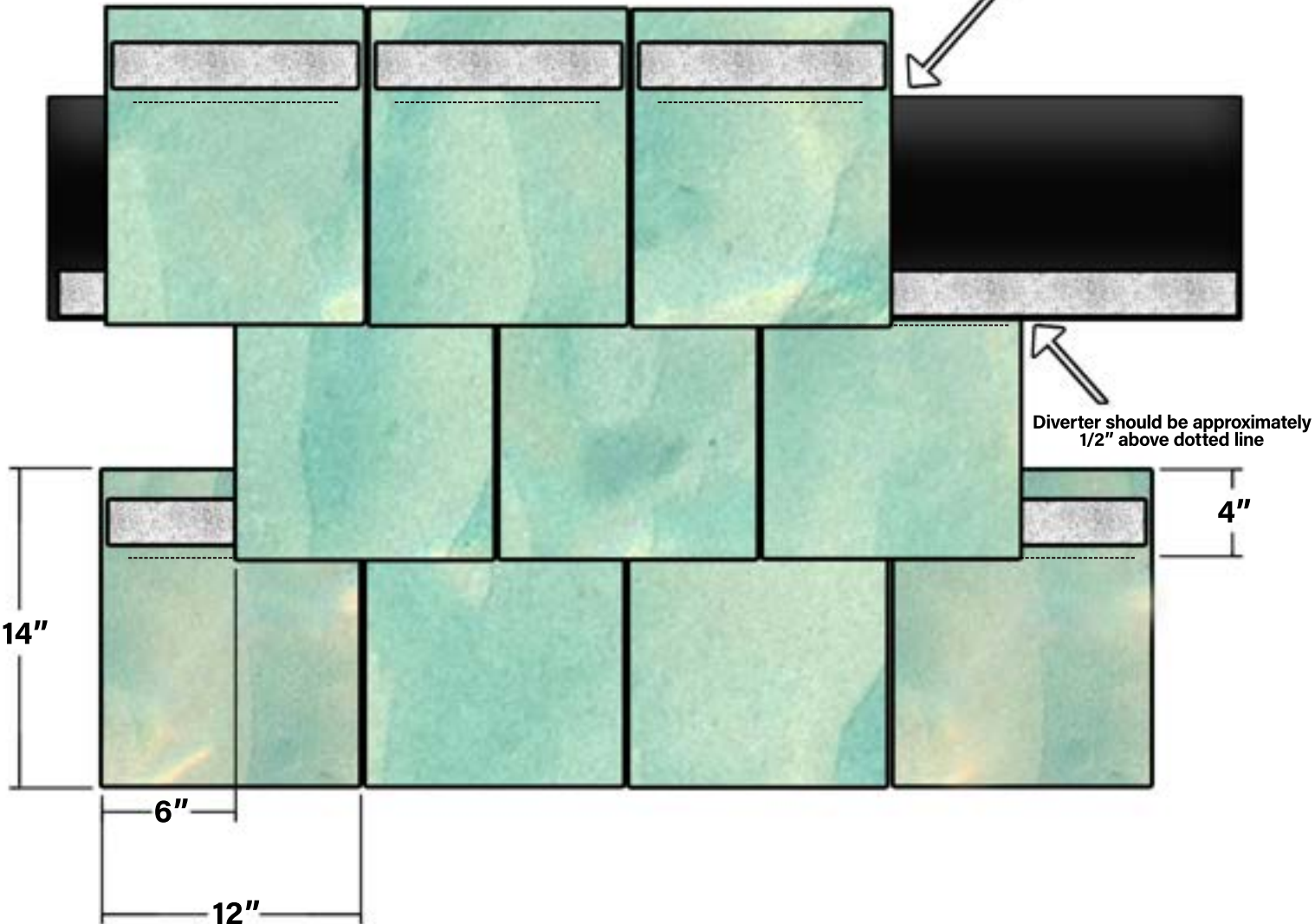
Back



Slate Application

Every course will have a layer of rain diverter

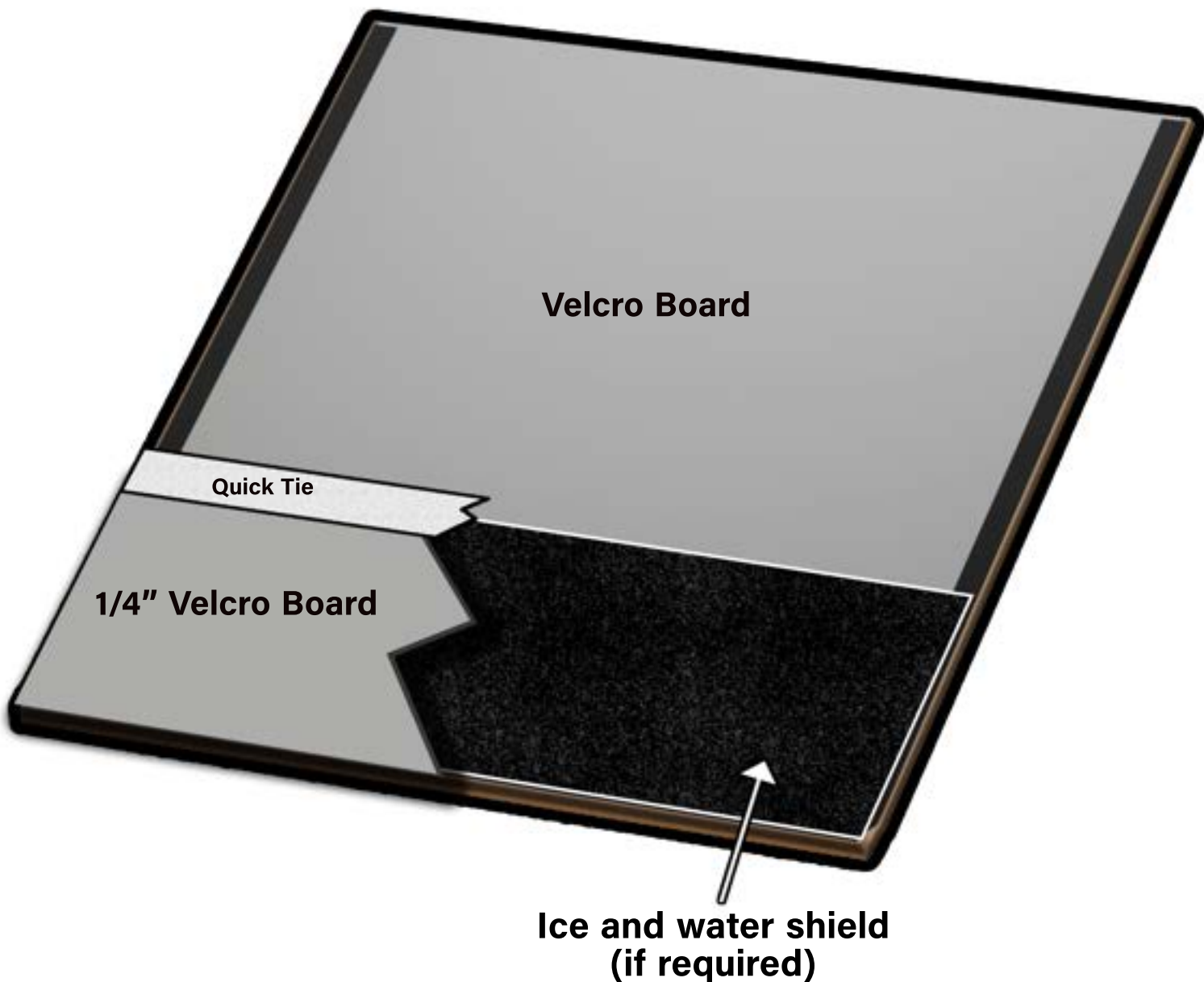
Diverter should not cover the top loop strip on the back side of the slate.



DIMENSIONS ARE APPROXIMATE
NOT DRAWN TO SCALE

Roof Example

Step 1 - Prepare the Roof



Before laying any slate or rain diverter, the roof needs to have the velcro board secured, as well as the flashing fastened and covered with the quick tie in order to offer maximum bond strength at the roof edge. If ice and water shield is required, it will lay over top of the velcro board and then covered by a 1/4\" sheet of velcro board. Quick tie will bridge the gap to ensure complete coverage.

Step 2- Rain Diverter 1



Once the roof is ready the rain diverter can be rolled out along the bottom of the roof. The loop on the backside of the rain diverter will latch with the velcro board and quick tie. The hook on the diverter face will mate with the back of the starter slate.

Step 3 - Starter Course



The starter course can now be placed on the roof. The loop on the backside of the slate will join with the hook from the rain diverter and the velcro board.

Step 4 - Rain Diverter 2



Before placing the first course, rain diverter must be placed attached to the top hook strip from the starter course.

Step 5 - First Course



The first course will bond to the face to the starter slate. Notice this was started with half slates to offset the side lap.

Step 6 - Second Course



The second course is now ready to be placed.

Step 7 - Rain Diverter 3



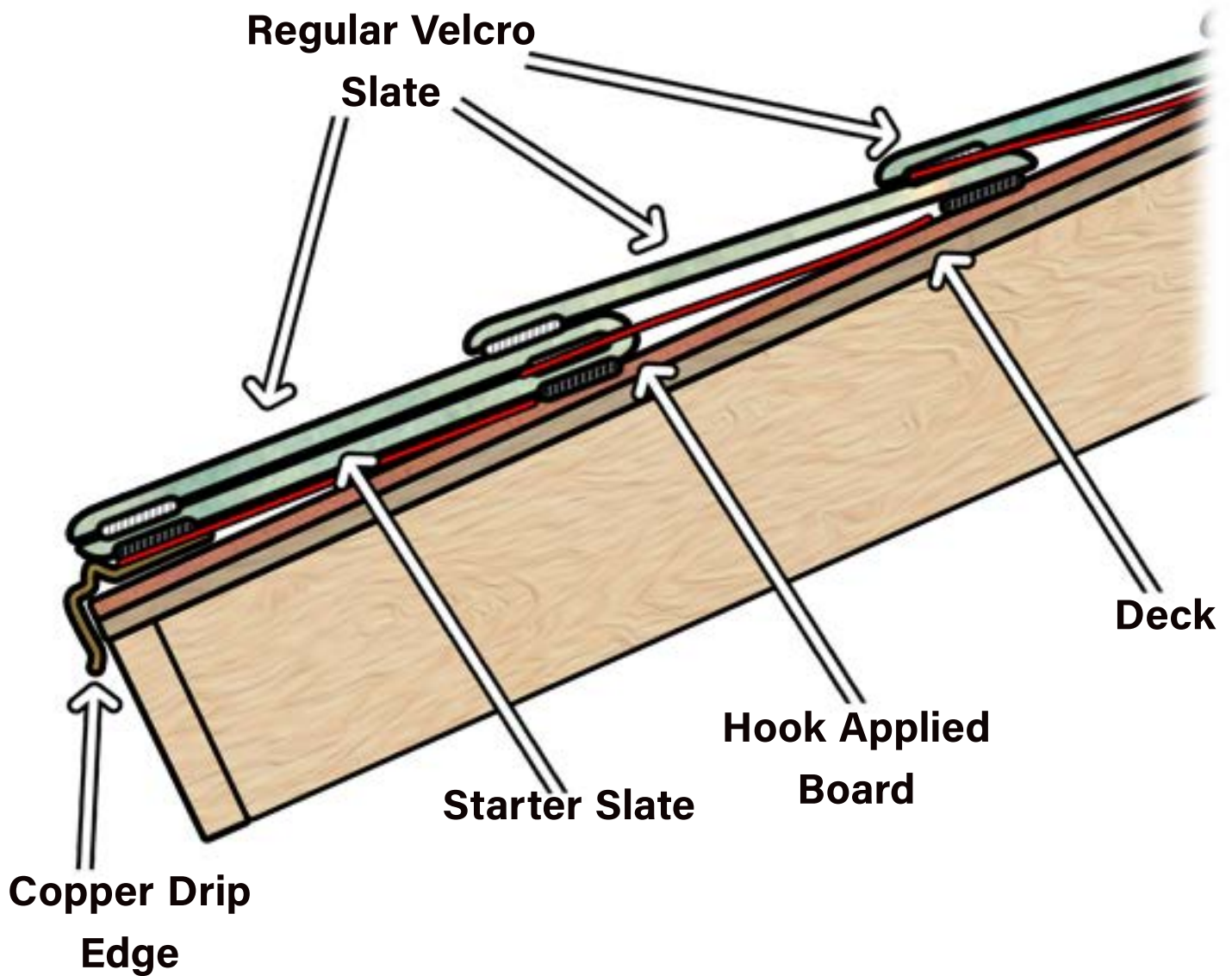
The rain diverter gets rolled over top.

Step 8 - Repeat



Steps 6 and 7 will be repeated until the top.

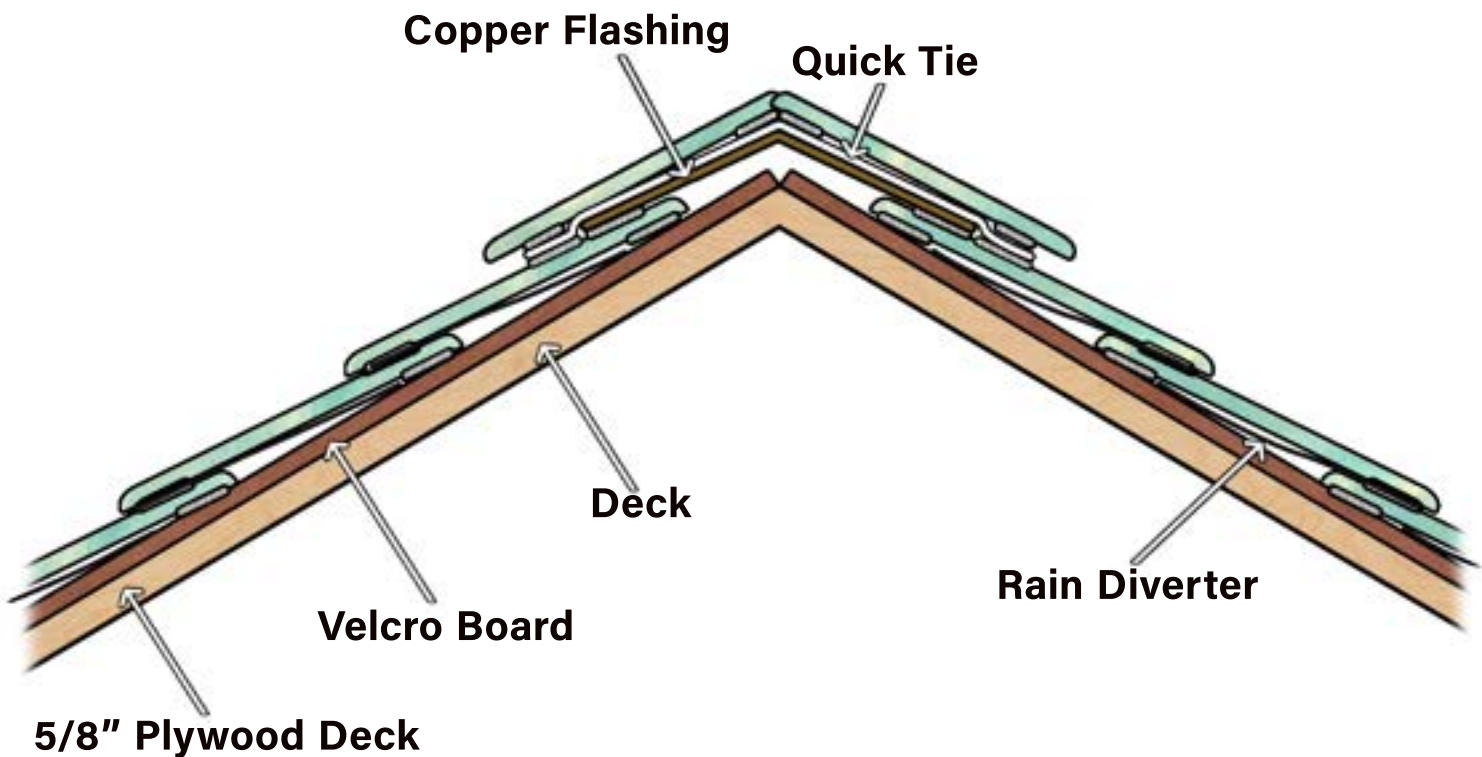
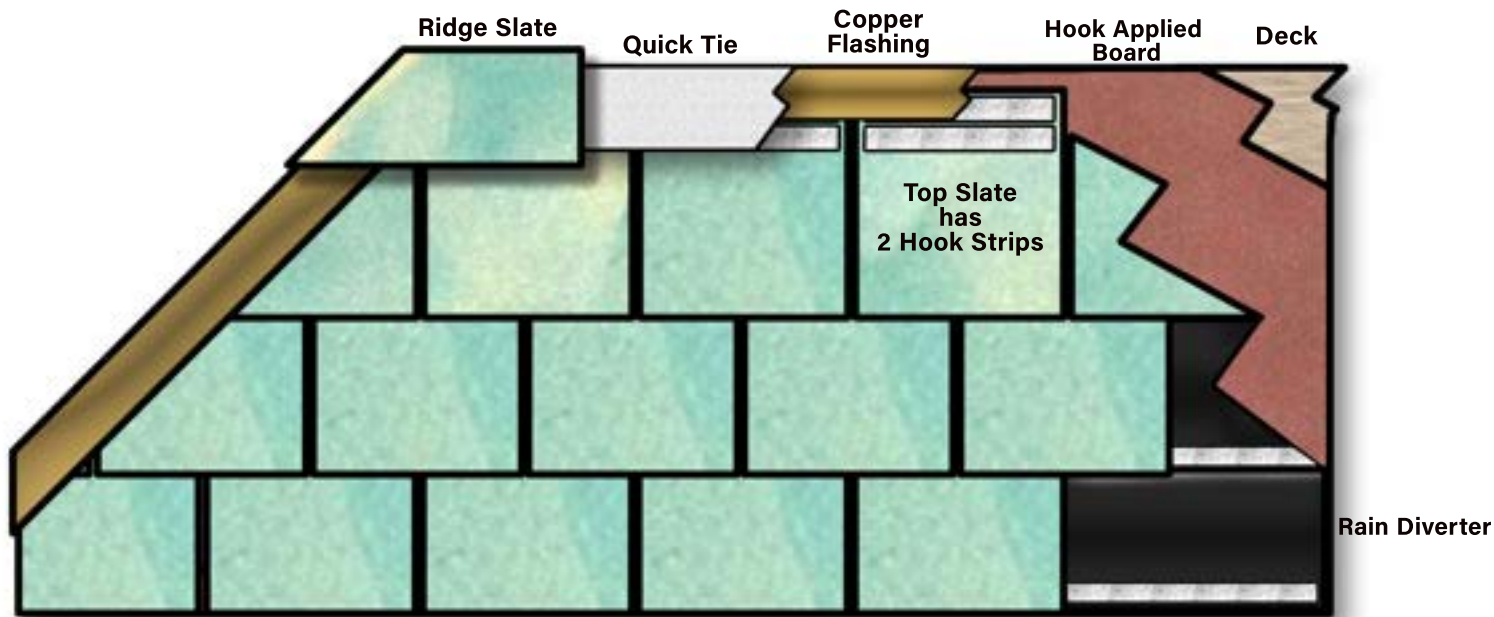
Starter Configuration



Red lines represent rain diverter

NOT DRAWN TO SCALE

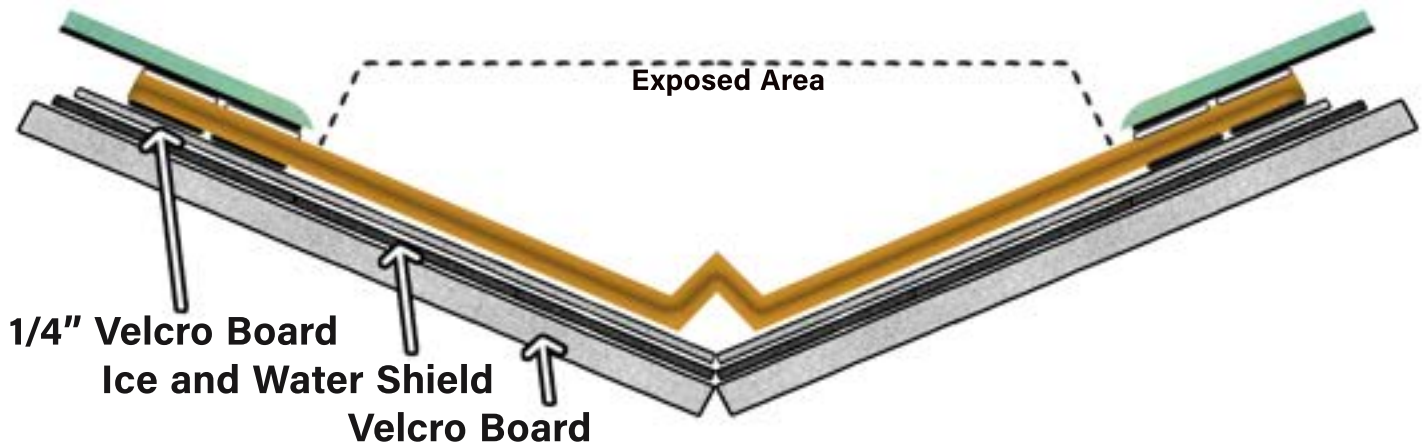
Saddle, Hip & Ridge Detail



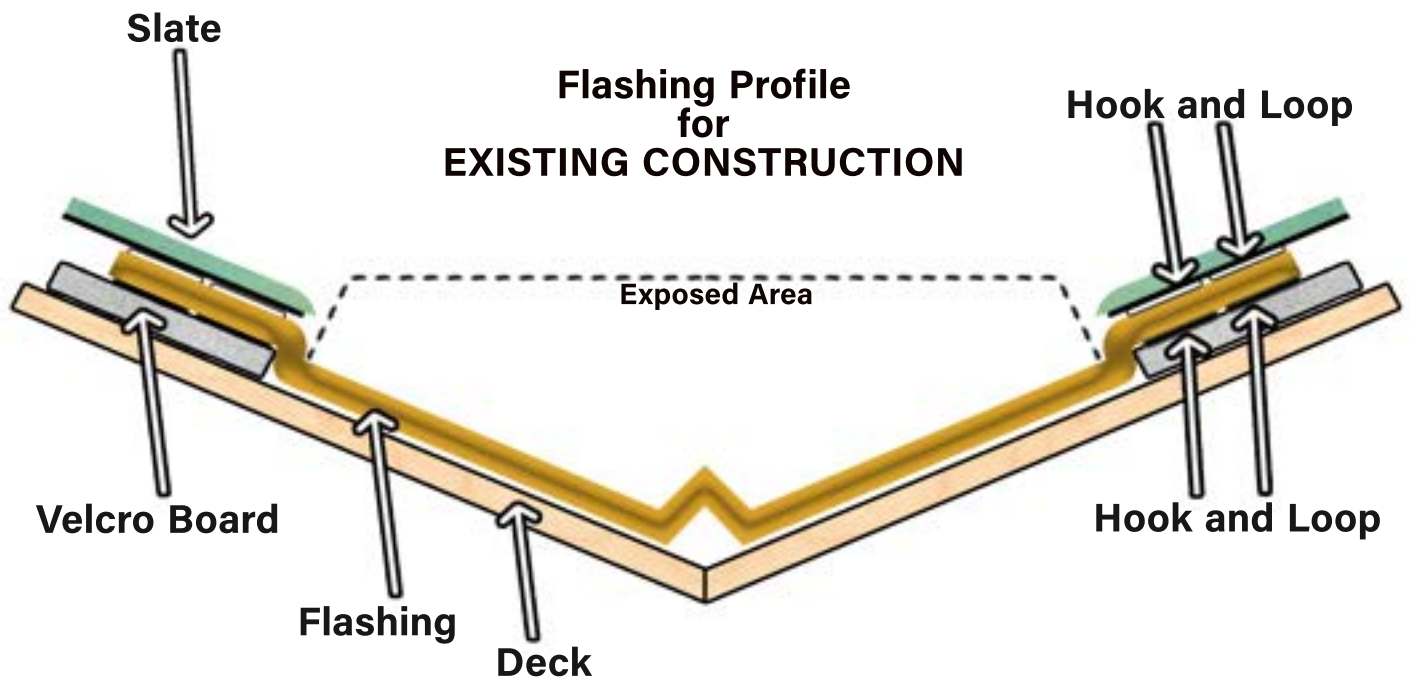
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Valley Flashing Detail

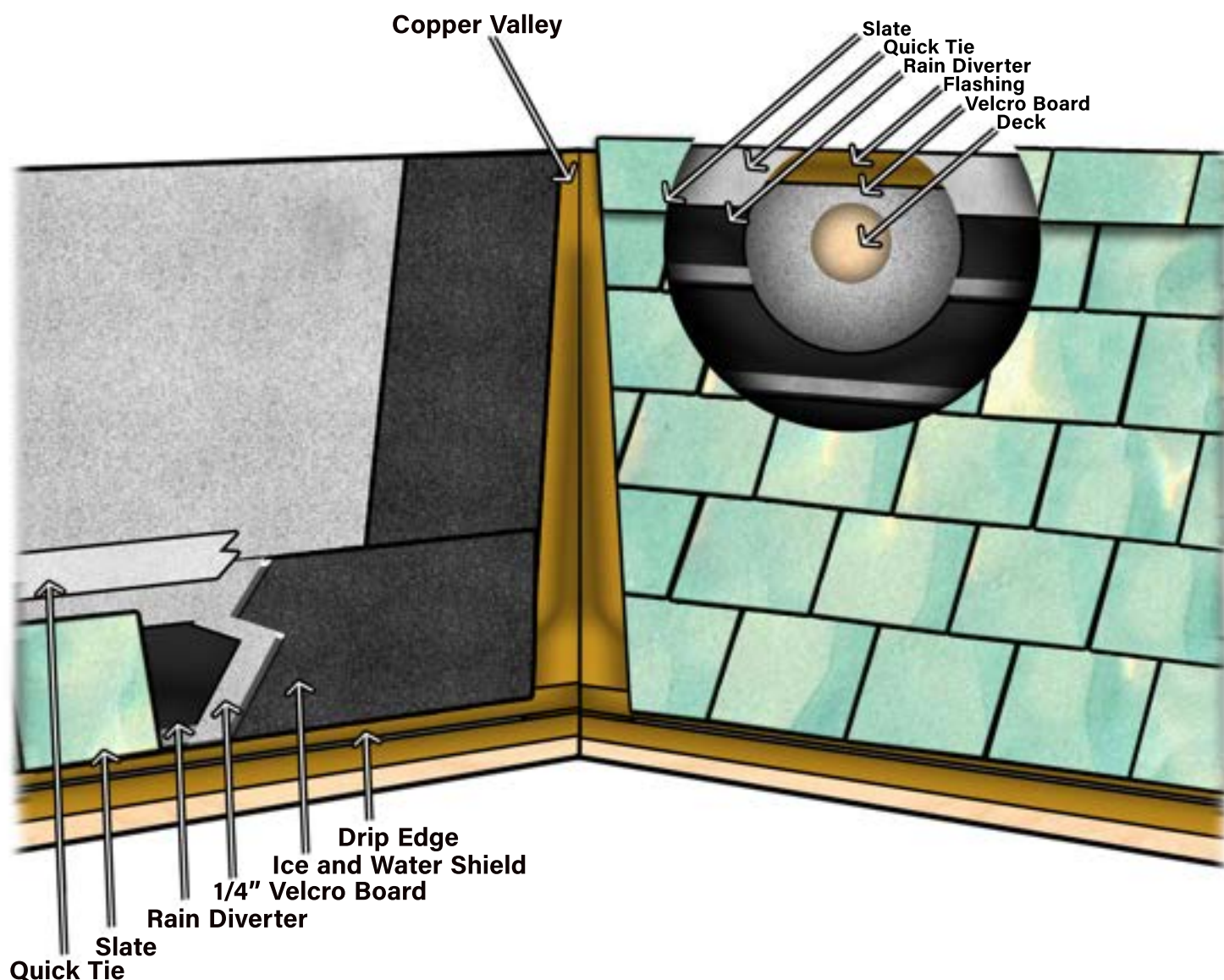
Flashing Profile for NEW CONSTRUCTION



Flashing Profile for EXISTING CONSTRUCTION



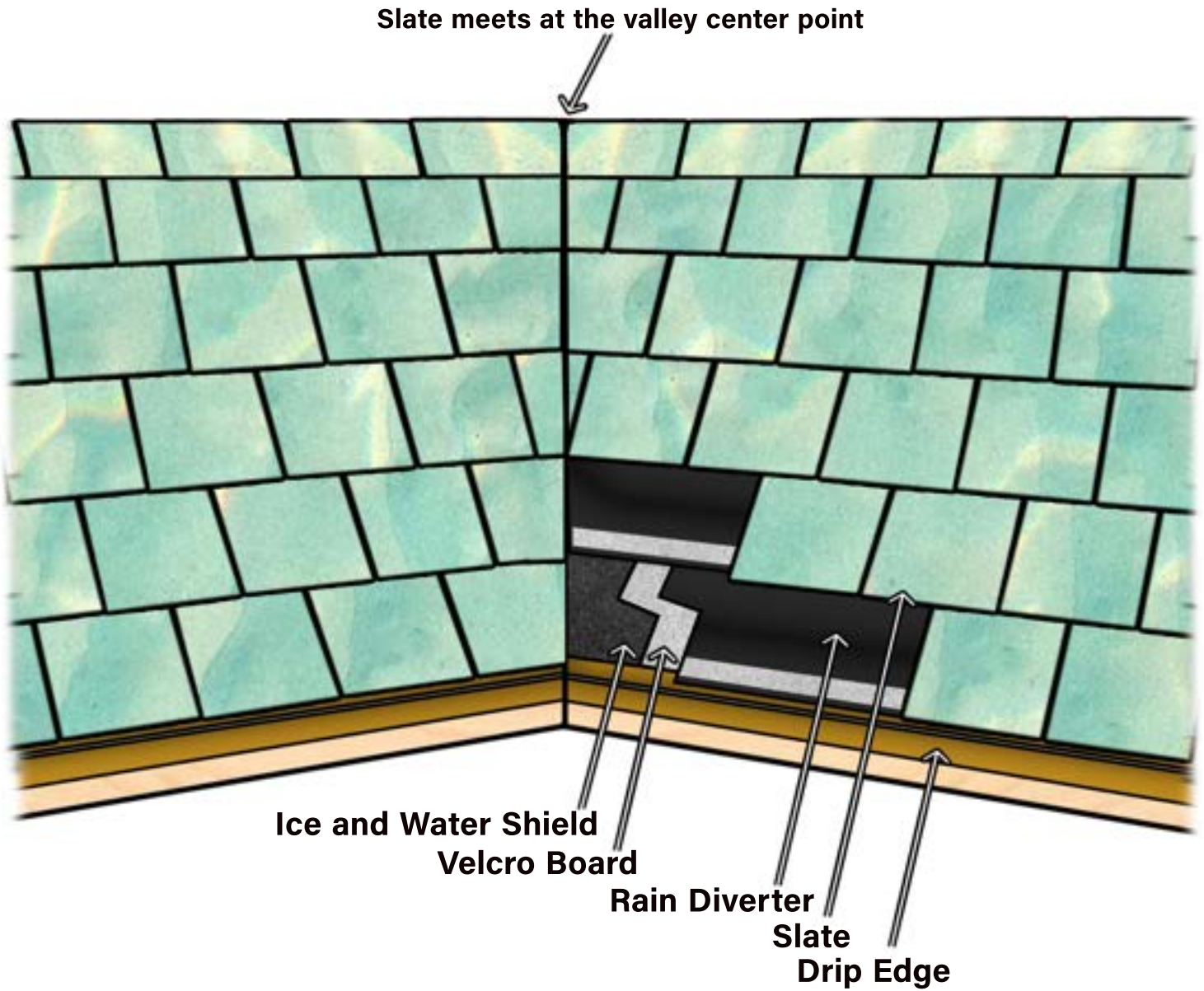
Open Valley Detail



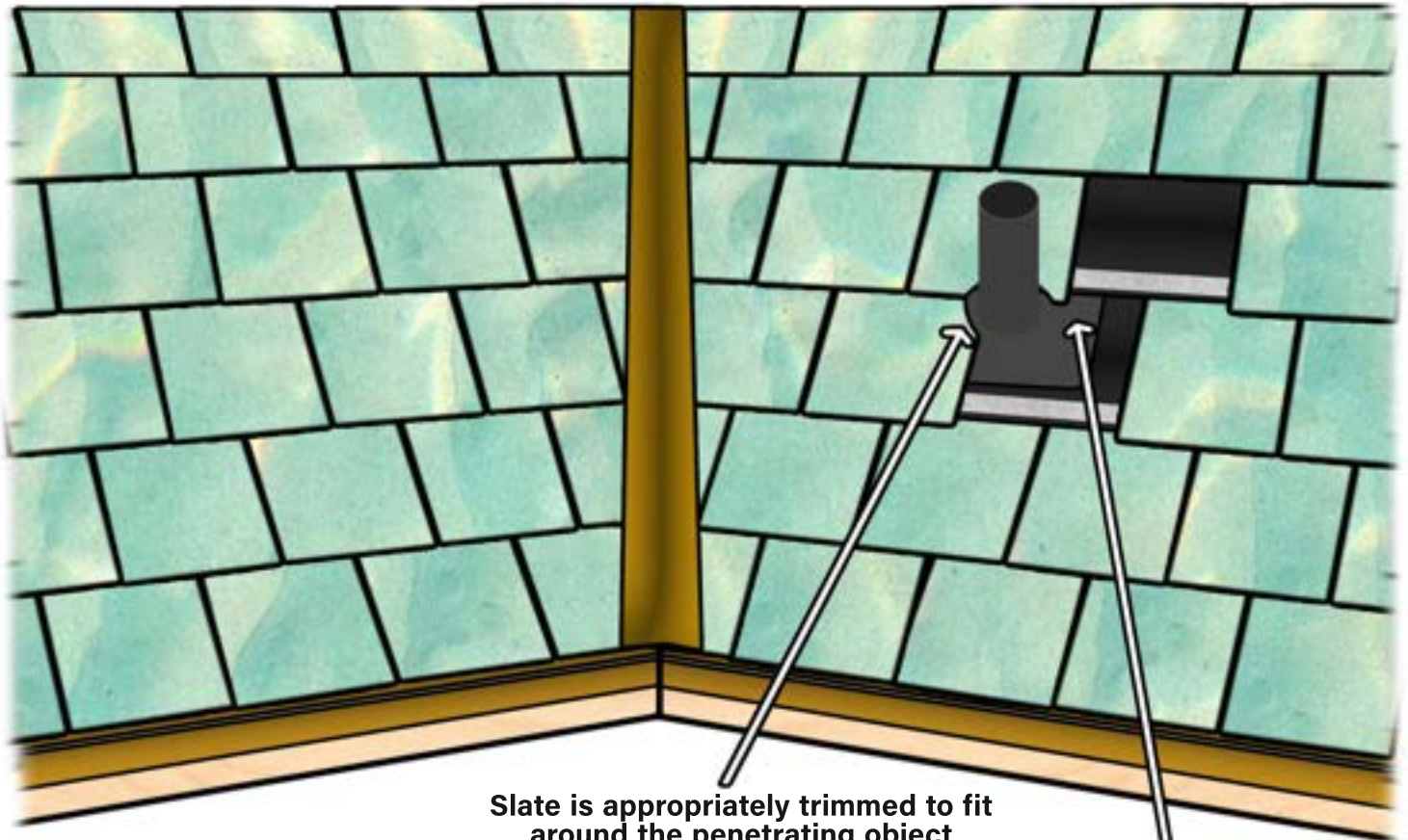
When roofing a valley with the Centennial System® the first step is to cut and fit the velcro board. Next the Ice and water shield can be applied as shown above and covered with 1/4" hook applied board. The valley flashing and drip edge will lay over the 1/4" board. Finally the rain diverter can be rolled out and slate placed.

NOT DRAWN TO SCALE

Closed Valley Detail



Roof Penetration



Slate is appropriately trimmed to fit around the penetrating object

Base plate is positioned under the above rain diverter

Roof penetrations are considered a custom situation. For a vent pipe in the picture above, the base plate should be positioned under the rain diverter to maintain a watertight roof. slate should be cut with a 1/2"- 1" gap away from the protruding object. Ice and water shield should be applied around the penetration above the velcro board. A 1/4" piece of velcro board will cover the ice and water shield and then covered by the rain diverter.

Information in this guide is intended for informational use only and should not be used in substitution for standards and qualifications.

For more information please visit our website at
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