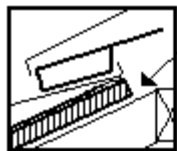
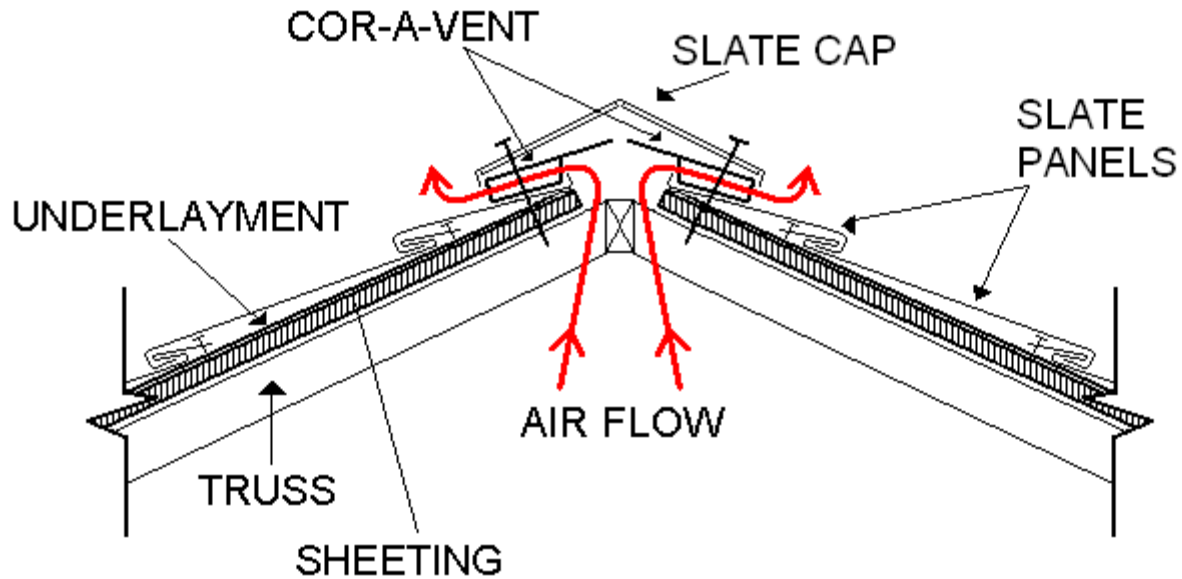


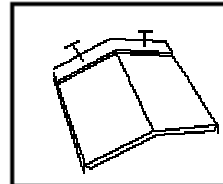
IRONSTONE SLATE & FLASHING SPECIFICATIONS

	<p>IRONSTONE SLATE</p> <table> <tr><td>Overall Length</td><td>52"</td></tr> <tr><td>Length of Coverage</td><td>50"</td></tr> <tr><td>Width of Coverage</td><td>8.3"</td></tr> <tr><td>Total Panel Coverage</td><td>2.88 sq. ft.</td></tr> <tr><td>Weight</td><td>2.84 lbs</td></tr> <tr><td>Panels per box</td><td>20 pcs</td></tr> <tr><td>Panels per square</td><td>35 pcs</td></tr> <tr><td>Per pallet</td><td>40 bxs / 800 pcs</td></tr> <tr><td>Square per pallet</td><td>23 sq</td></tr> <tr><td>Weight per Pallet</td><td>2272 lbs</td></tr> </table>	Overall Length	52"	Length of Coverage	50"	Width of Coverage	8.3"	Total Panel Coverage	2.88 sq. ft.	Weight	2.84 lbs	Panels per box	20 pcs	Panels per square	35 pcs	Per pallet	40 bxs / 800 pcs	Square per pallet	23 sq	Weight per Pallet	2272 lbs
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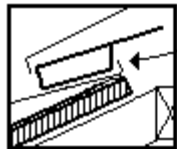
IronStone SLATE – Ridge Vent Details



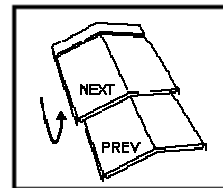
CUT SHEETING 1.5" BACK FROM RIDGE ON BOTH SIDES TO ALLOW FOR PROPER AIR FLOW



FASTEN CAP THRU S-LOCK PORTION OF CAP ONLY



BEND SLATE PANEL UP 1/2" TO CATCH ANY POSSIBLE MOISTURE DRIPPING FROM TOP INSIDE EDGE OF COR-A-VENT



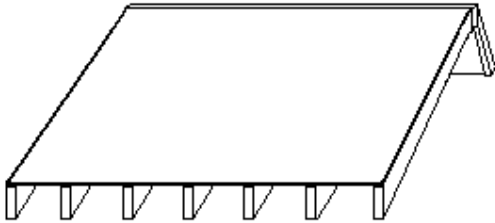
NEXT CAP HOOKS ONTO PREVIOUS CAP



IRONSTONE SLATE INSTALLATION

Revised Sep 2016

DECK REQUIREMENTS



SOLID SHEETED DECK REQUIRED
FOR NEW CONSTRUCTION

New Construction: Requires solid sheeted deck

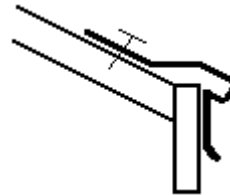
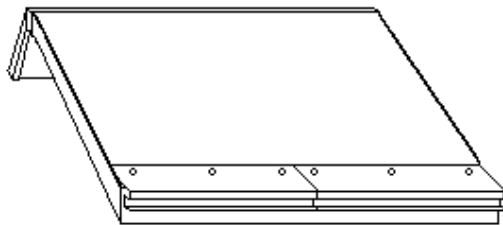
Asphalt Re-Roof:

Per local building code. Okay to install over asphalt

Cedar Re-Roof:

Tear-off cedar, fill in deck as necessary – max. spacing 4" gap.

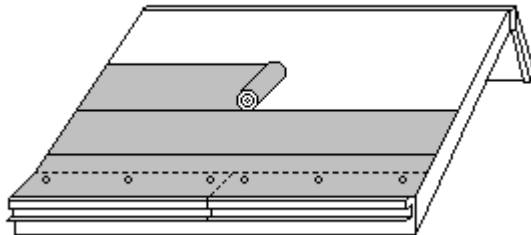
DRIP FLASHING



Drip Flashing:

Drip flashing to be installed prior to underlayment. Install flashing to hang over fascia board

UNDERLAYMENT



APPLY UNDERLAYMENT
OVER PREPARED DECK

New Construction: Requires min. ASTM D226 Type II

Asphalt Re-Roof:

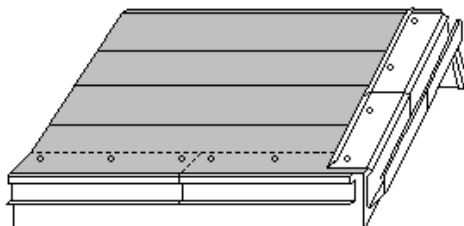
Per local building code. If no underlayment required, must ensure existing roof is water tight (i.e. spot repair with ice & water shield) prior to installation of metal panels

Cedar Re-Roof:

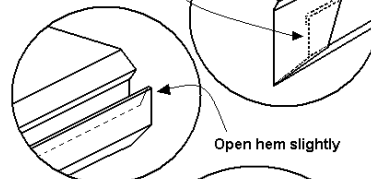
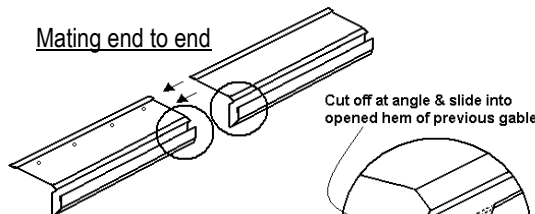
Requires min. ASTM D226 Type II

NOTE: ROOF INTERRUPTIONS SUCH AS VENTS, SKYLIGHTS, PLUMBING STACKS, CHIMNEYS, WALLS, ETC. ARE TO BE FULLY WATERPROOFED WITH SELF-ADHERING MEMBRANE UNDERLAYMENT TO A MINIMUM OF 1 FT. ONTO THE ROOF SURFACE (OR PER THE LOCAL BUILDING CODE WHEN SPECIFIED)

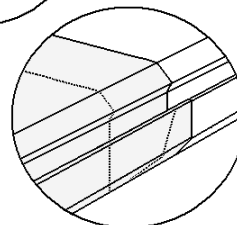
GABLE FLASHING



Mating end to end



Open hem slightly

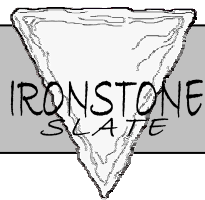


Gable:

Starting at the eave, install gable flashing to hang over fascia board.

Mating end to end:

Open hem on top end, cut off corner of next piece at angle as shown to fit inside the previous installed section of gable flashing. The cut piece should slide into the opened hem until it stops.

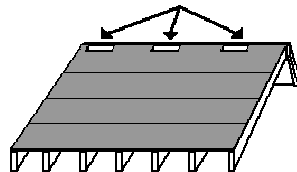


IRONSTONE SLATE INSTALLATION

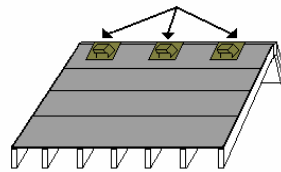
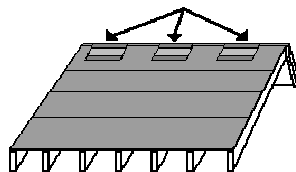
Updated Jan 09

RIDGE VENTILATION

OPEN RIDGE (per local building code)



APPLY VENT TAPE **OR** INSTALL ROOF VENTS



**INSTALLATION OF SLATE PANELS OVER ROOF VENTS
SAME AS PLUMBING VENT (SEE NEXT SECTION)**

Ventilation:

New construction and re-roof both require venting installed as per the current local building codes

Vents **OR** Vent Tape:

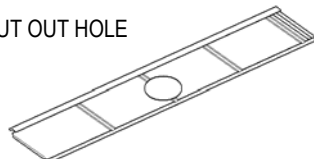
Install a section of vent tape over each vent opening **OR** install a roof vent over each vent opening.

Note: Ridge venting is also acceptable – see separate detail sheet.

PLUMBING AND/OR ROOF VENT INSTALLATION

FIRST PANEL

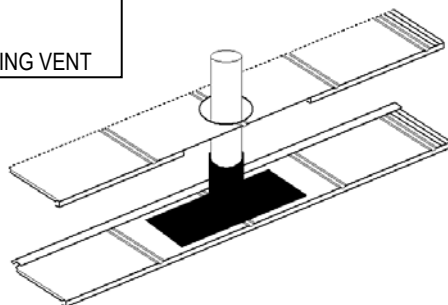
CUT OUT HOLE



INSTALL OVER PLUMBING VENT

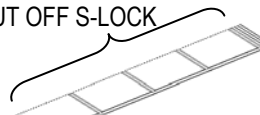
SECOND PANEL

FIRST PANEL

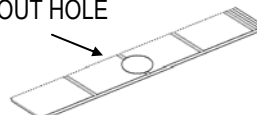


SECOND PANEL

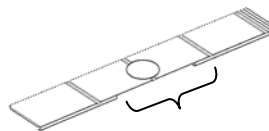
CUT OFF S-LOCK



CUT OUT HOLE



CUT OUT BOTTOM LIP



First Panel:

Cut out hole in first panel & install over plumbing vent. Slide plumbing vent flashing overtop.

Second Panel:

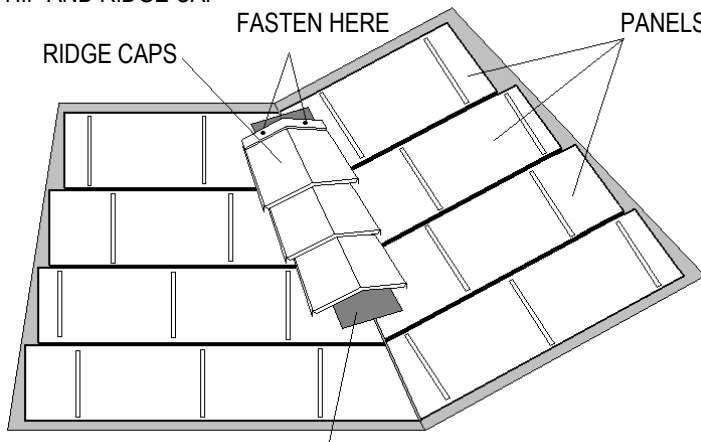
Cut a second panel as shown, note the top s-lock portion is cut off and a section matching the width of the vent flashing is cut out of the bottom lip to allow for drainage. Install second panel directly overtop of first panel tucking cut edge under s-lock and hook bottom lip on.

HIP AND RIDGE CAP

FASTEN HERE

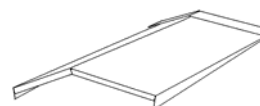
PANELS

RIDGE CAPS



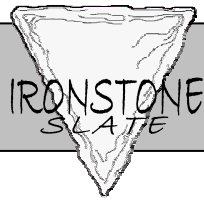
PEEL & STICK

HIP/RIDGE CAP



Hip & Ridge:

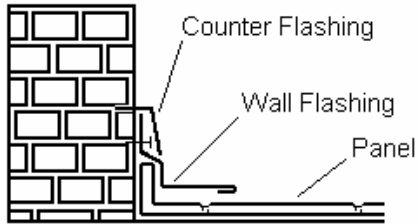
Ensure that panels butt up against each other at the hip/ridge to form an even/straight line. Next, apply peel & stick along the entire length of hip/ridge. Finally, install caps starting at the bottom using two fasteners per cap. Each cap overlaps & hooks onto the previous one, fasten as shown.



IRONSTONE SLATE INSTALLATION

Updated Jan 09

WALL/CHIMNEY FLASHING



Wall Flashing:

Bend panel up against wall, fasten wall flashing overtop as shown, underneath existing counter flashing or siding

ADDITIONAL INFORMATION:

Fasteners: 1½" (#8), galvanized, painted screws supplied by Rare Mfg.

Tools: screw gun & driver finder, nail gun, tin snips/power snips to cut panels (no saw blades) & hand folder supplied by Rare Mfg.

Severe Climate Areas: In areas subject to wind-driven snow, ice build-up, wind-driven dust or sand, or in other areas designated by the building official, both of the following must be provided:

- solid sheathing with two layers of Type I or one layer of Type II for the field of the roof.
- solid sheathing with two layers of Type I applied shingle-fashion, solid-cemented together with approved cementing material between the plies, or a self-adhering polymer-modified bitumen sheet, extending from the eave up the roof to a point 24 inches inside the exterior wall of the building.