

HIP & RIDGE CAPS

One-Piece & Two-Piece Hip & Ridge Caps for Cedar Shake and Slate Roof Systems

SUMMARY

This bulletin provides guidance on selecting the correct manufactured One-Piece Hip & Ridge Caps. It also provides optional step-by-step instructions for creating custom Two-Piece Hip & Ridge Caps and Hip Starters using Solid Shakes or Solid Slates. This optional method adds a tailor-fit option for hip eave corners, ridge-to-rake intersections, and other unique details.

ONE-PIECE HIP & RIDGE CAPS

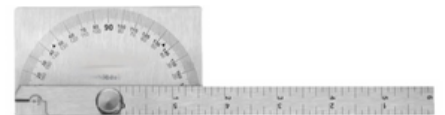
Brava Cedar Shake and Brava Slate Hip & Ridge Caps are available in three slope angles – Low Slope, Standard Slope, and Steep Slope. These angles provide a manufactured piece for most hip and ridge situations. Measuring the angle at the hip or ridge and choosing the closest matching angle of Hip & Ridge Cap is the best way to ensure the correct pieces are specified and installed. Low Slope Hip & Ridge may also be appropriate for turrets, asymmetrical, and nonstandard hips and ridges.



Recommendations are for symmetrical hip and ridge and may be affected by design and application factors. Material should be ordered only after verifying the angle of the hip or ridge.

Brava recommends measuring the angle of the hip or ridge before ordering material to ensure the best fit.

Digital and mechanical angle measurement tools are readily available.



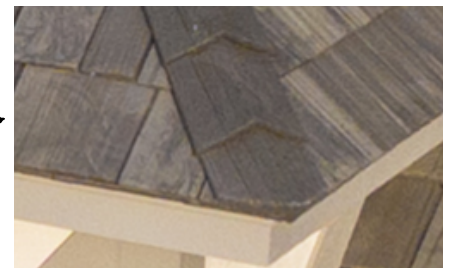
Hip Starter Options

Depending on the desired appearance at the eave and rake, starter caps may be left to overhang at the corners.



Hip Cap with Corner Overhang

Or, caps may be trimmed flush to match the eave line. Solid Two-Piece hip starters may be used for best appearance at cut edges.



Hip Cap Trimmed to Eave Line

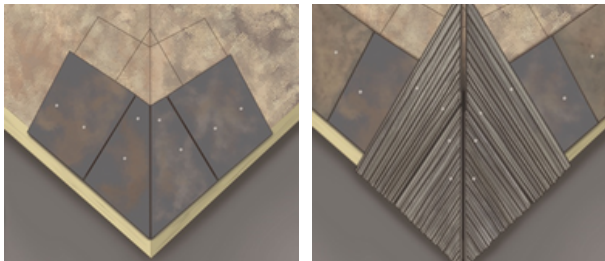
TWO-PIECE HIP & RIDGE CAPS

While most roofs and details can be completed using Brava's three slope options, a Two-Piece Hip & Ridge cap provides a tailor-fit option for unique roof configurations. This custom cap option will take a few extra steps to ensure a perfect fit and refined aesthetic that complements the distinct characteristics of each roof. It may be desired for use as a hip or ridge starter or for entire stretches of hip or ridge. Follow the steps on the next page when using Solid Shakes or Solid Slates.

HOW TO CREATE CUSTOM TWO-PIECE HIP & RIDGE CAPS

1) STARTER AND FIELD SHAKE INSTALLATION:

Cut and install the Brava Starter Accessory and Field Shake pieces to minimize spacing at the eave intersection (minimum 3/16") for aesthetics. Miter cutting the Starter and corner Field Shakes/Slates is recommended for the best appearance.



2) TEMPLATE CREATION AND INITIAL CUTTING:

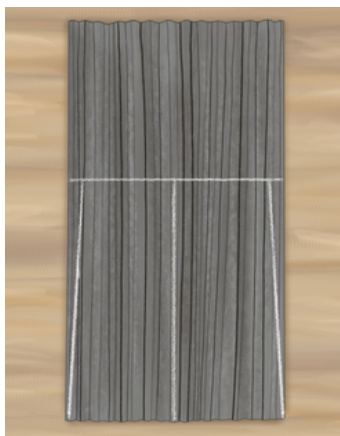
Each Two-Piece Cap will require one (1) Solid Shake or Solid Slate. Using the standard (One-Piece) Brava Hip & Ridge Cap as a template, trace and cut the Brava Solid Accessory to form the cap. Mark the Solid Shake or Slate at 14", matching the One-Piece Hip & Ridge Caps.



2.1 Use the One-Piece Cap as a template to mark the side taper on the left and right sides of the Solid Shake or Slate.



2.2 Mark the center line of the Solid Shake or Slate. This is where the angled cut will create the mitered connection. Make precise cuts, setting the length and cutting each side taper. This results in a tapered piece matching the length and shape of the One-Piece Hip & Ridge Cap.



3) ANGLE CUTTING THE CENTER LINE FOR ROOF PITCH:

Adjust the saw angle to match the roof pitch. This can be approximated by multiplying the roof slope by 4.

See the miter angle table in the notes section.*

(For a 10:12 slope, $10 \times 4 = 40$. Set the blade at 40 degrees)

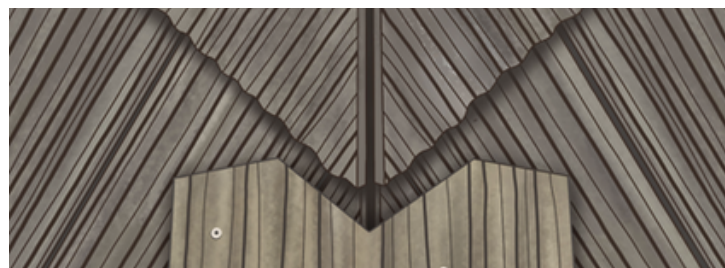
To find the exact angle, divide the slope by 12, then use the arctan (tan-1 or atan) function. ($10 \div 12 = 0.833...$ Then select tan-1, which gives 39.805... Set the blade to 40 degrees.

3.1 Cut along the center line, once in each direction. This results in matching miter cuts for a finished appearance when installed.



4) NOTCHING AND FINE-TUNING:

Notch out the top of both sides for a proper fit up to the next course of Field Shakes/Slates. Then mark and cut at the butt of both sides to achieve the precise angle and the desired appearance needed at the eave intersection.

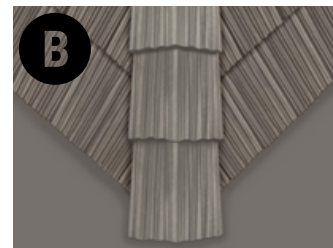


5) INSTALLATION OF CUSTOM PIECES:

Secure each custom piece using two fasteners on each side. Depending on the desired appearance, ensure the cuts allow for the visible edge of each side to be flush with the field tile at the eave or leave a 1/2" overhang (shown).



6) Continue installing standard Brava Hip/Ridge Caps at an 8" exposure to maintain uniformity and aesthetics across the roof. The starting Hip & Ridge Cap may be cut to match the line of the eave/rake (A) or left to overhang at the corners (B), depending on design and appearance requirements.



INSTALLATION TIPS

- Double-check measurements and saw settings before each cut to ensure accuracy.
- Use sharp blades to achieve clean cuts and avoid damaging the material.
- A miter or circular saw with angle settings may be used to make consistent angled cuts. A jigsaw or cutoff tool may be helpful for detail cuts.
- Test-fit each piece before final installation and confirm angles and lengths are correct.
- Standard Hip & Ridge Caps have a maximum exposure of 10"; however, Brava recommends using an 8" exposure for best results. For the best overall aesthetic, maintain consistent exposure between Hip & Ridge Cap types.

NOTES

This custom fabrication method requires precision and patience. It is recommended for experienced professionals familiar with cutting and installing roofing materials.
Regularly review the fitting during installation to make any necessary adjustments.

*See the miter angle table for the center cut below. Brava recommends calculating the exact angle for slopes higher than 12:12, as the estimated (slope x 4 rule) angle becomes less accurate.

ROOF SLOPE (X:12)	X4 ESTIMATED SAW ANGLE (DEGREES)	CALCULATED ANGLE (~DEGREES)
3:12	12	~14
4:12	16	~18
5:12	20	~23
6:12	24	~27
7:12	28	~30
8:12	32	~34
9:12	36	~37
10:12	40	~40
11:12	44	~43
12:12	48	~45

RESOURCES

Check for updates to this and other [Technical Bulletins](#) on our [Resources Page](#).

Complete Installation Training, View Resources, and Contact Technical Support by visiting our [Technical Support Portal](#).

Training before any installation can improve project outcomes.

QUESTIONS

If you have questions regarding Brava Roof Tile products and accessories, call 844-290-4196 and ask for Technical Support. You can also contact us through the [Technical Support Portal](#).

