

# Technical Bulletin

Roof System Update

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## Brava Spanish Barrel Tile Roof System Update Introducing the “Hip & Rake” – formerly the “Hip Cap”

### Summary

This bulletin announces a notable change to the Brava Spanish Barrel Tile Roof System: replacing the "Rake Edge" component with the "Hip & Rake" component. The piece formerly named "Hip Cap" is being reintroduced as the "Hip & Rake" and is recommended for installation at hips and rakes.

*Note: The Rake Edge piece will still be available as an alternative option.*

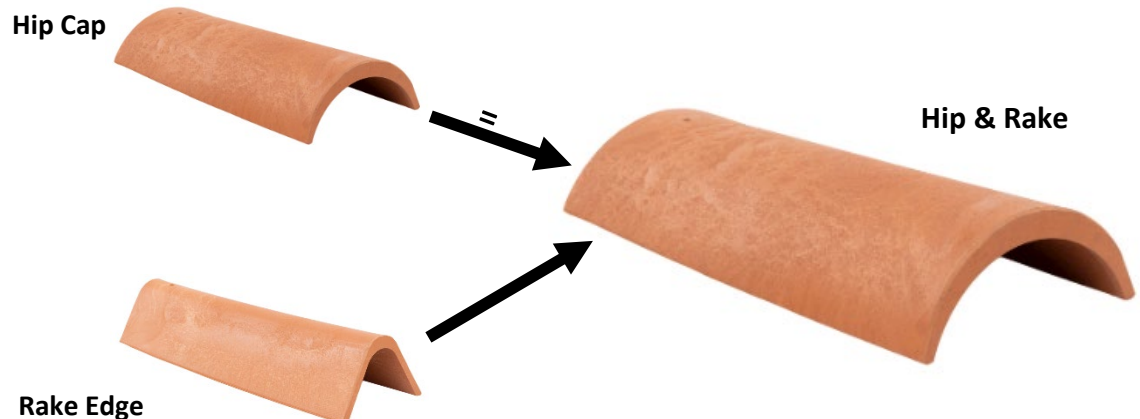
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### Background

This update aims to streamline the roofing system while maintaining its durability and aesthetic appeal. Its universal design delivers a simplified and effective solution for roof installations – increasing efficiency and compatibility while reducing lead times for accessory products and simplifying stocking. The Rake Edge component will no longer be offered as a standard part to enhance the efficiency and simplicity of the Brava Spanish Barrel Tile Roof System while improving system compatibility and reducing lead times. Instead, the Hip Cap, introduced as the Hip & Rake, will be utilized at both the hip and at the rake. This update also aligns with the recommendations of tile roofing professionals and a more traditional Spanish aesthetic.

### Hip & Rake



### Hip & Rake General Installation Guidelines

Nailers are required at hips and ridges and recommended at the rake. At rakes, install a minimum 36" width waterproof membrane that meets or exceeds ASTM D1970 and lap over the edge of the fascia board at least 1". Install a waterproof membrane or flexible flashing over the nailer. Nailers at the rake may be a minimum nominal 2x2 pressure-treated lumber or cut to size depending on the roof slope and building design. Follow published "Hip Cap" guidance for installation of the Hip & Rake at hips.

## Installation at Rakes

1. **Dry Fit and Mark Hip & Rake:** Measure the overhang and mark the distance from the top of the Hip & Rake piece.
2. **Cut the first Hip & Rake:** Ensure the factory edge is flush with the visible face of the first course of Field Tile. (Figure 1)
3. **Apply Sealant:** Apply sealant to the underside of the piece along the top edge.
4. **Fasten:** Utilize two fasteners 1 ¼" from the end; one fastener should go into the fascia board and the other into the nailer (or into the roof deck if no nailer is used). (Figure 4) Apply sealant at all fastener locations and cover these fasteners with the lap of the next Hip & Rake.  
For high-wind areas, an additional fastener into the fascia may be placed on the lower end of the Hip & Rake. (Figure 5)
5. **Install Full Hip & Rake Pieces:** Proceed up the remaining rake using adhesive, fasteners, and sealant.
6. **Ridges and Transitions:** Miter the Hip & Rake, Top Ridge, and Bullnose at ridges and transitions to complete the installation. (Figure 6)

## Installation Illustrations



Figure 1 - **Recommended Hip & Rake**  
Cut the first piece flush with Field Tile



Figure 2 – Optional Rake Edge  
Only available as a custom option



Figure 3 - Use a rake nailer for hold and  
appearance

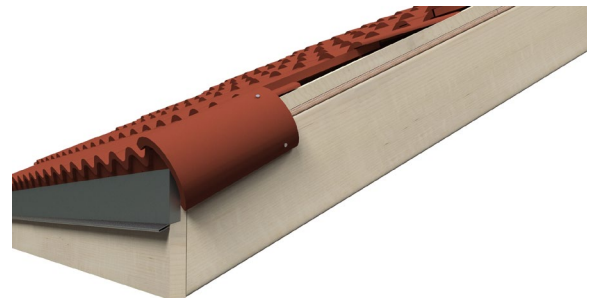


Figure 4 - Fastened with two (2) fasteners  
- Fasteners will be covered by lap

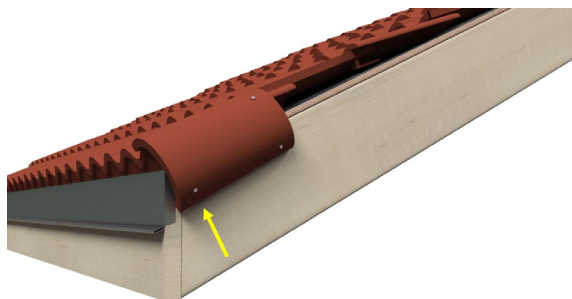


Figure 5 - Hip & Rake with additional  
fastener  
- Color-match sealant on exposed fastener

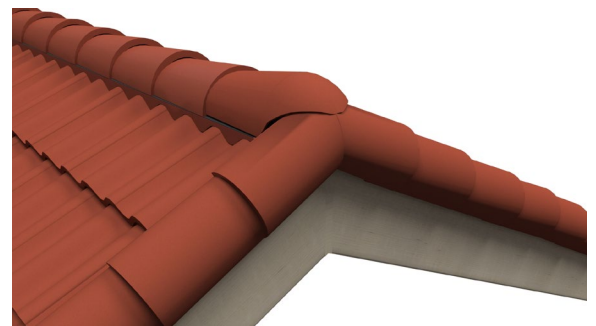
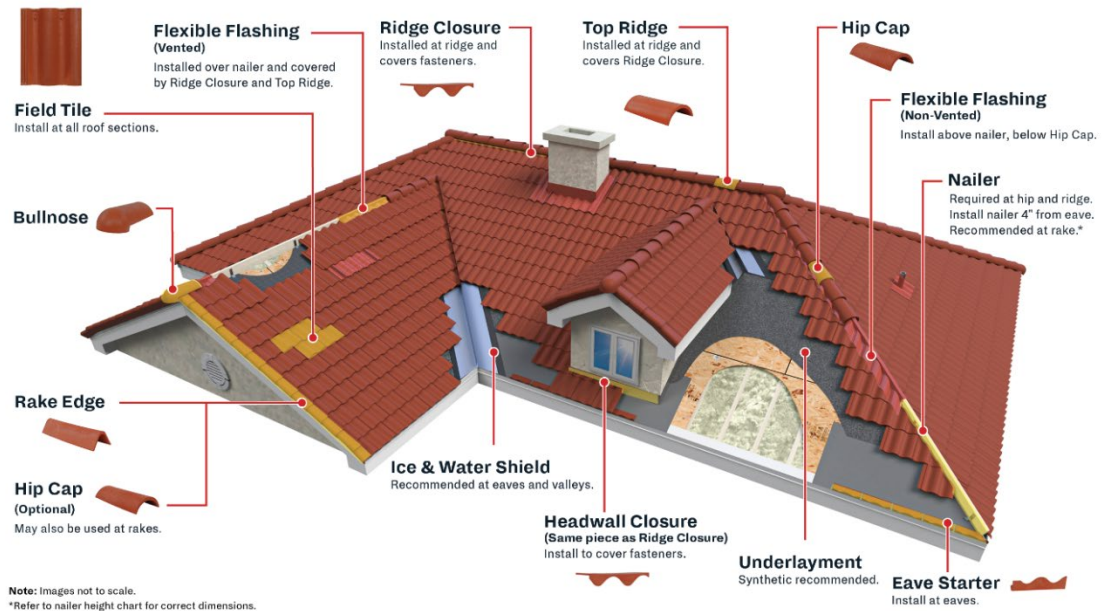


Figure 6 – Miter Hip & Rake at the ridge  
using Bullnose or Top Ridge

## Previous Roof System

Previous system components and installation locations.

### Spanish Barrel Tile Roof System

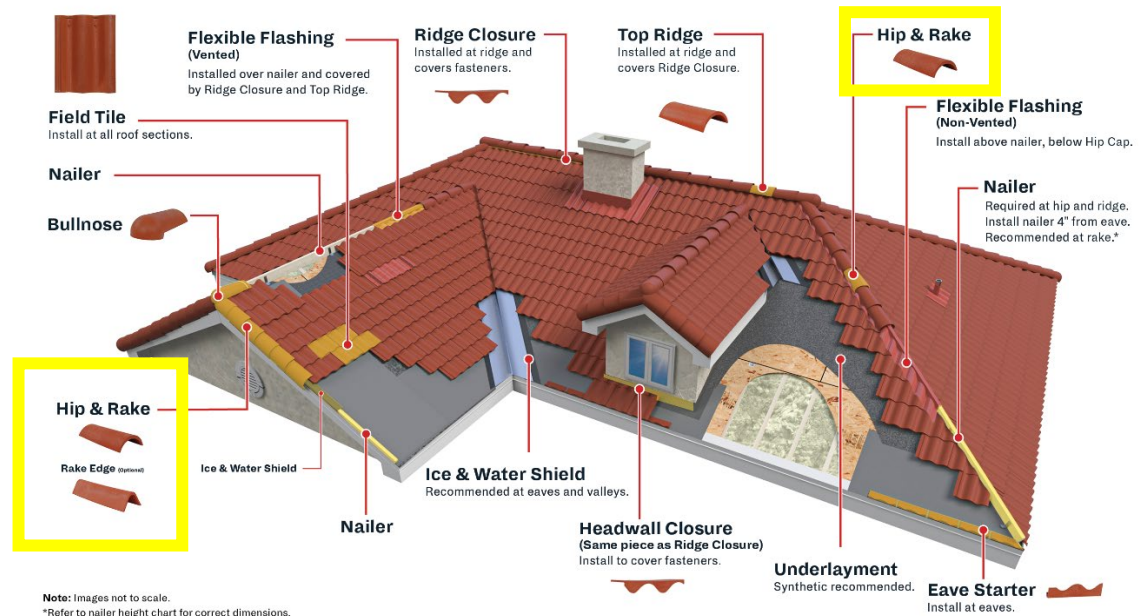


## Updated Roof System

Updated system components and installation locations.

Hip & Rake is standard for hips and rakes, offering more efficient installation, simpler stocking, quicker production, and a traditional aesthetic with increased rake coverage for an improved system overall.

### Spanish Barrel Tile Roof System



## Notes

The first Hip & Rake Cap should be cut to match the exposure of the first course of Field Tile. Position it so that the top edge butts against the face of the next course of Field Tile with the uncut factory edge flush with the first course of Field Tile at the eave.

Nailers are recommended at the rake for proper installation and should be cut to size depending on the roof slope and building design.

If no rake nailer is used, a longer fastener may be necessary to meet penetration requirements. Fasteners should penetrate a minimum of 3/4" into the deck/nailer or completely through the deck.

For high-wind areas, an additional fastener into the fascia may be placed on the lower end of the Hip & Rake. This fastener may be placed into the fascia board or the nailer. Additional fasteners should be sealed and covered with a color-matched sealant for best performance and appearance.

## Resources

Brava provides installation guidance for the Spanish Barrel Tile System and all Brava products at <https://www.bravarooftile.com/resources/>.

Brava Technical Support offers In-Plant and Remote Installation Training in English and Spanish. Online and Remote training is accessible regardless of location. Training before beginning installation can improve project outcomes.

Schedule Remote Installation Training [HERE](#) using Calendly.

## Questions

To schedule training, or if you have any questions regarding Brava Roof Tile products and accessories, call 844-290-4196 and ask for Technical Support.

Or contact us through our website at <https://www.bravarooftile.com/contact-brava/>.