Chief Architect
Architectural Home Design Software

Creating a Bullnose Veranda

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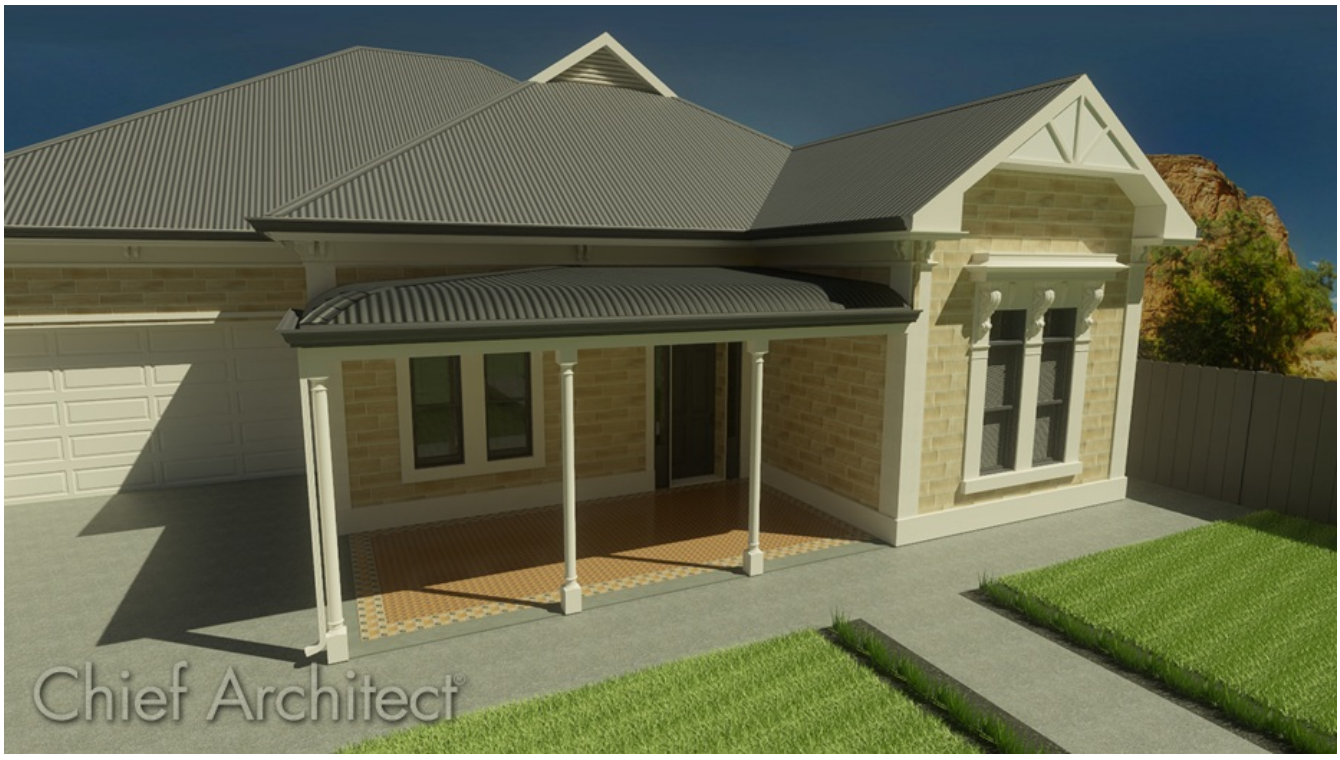
QUESTION

I need to create a bullnose veranda on the front of my building. How can this be accomplished?



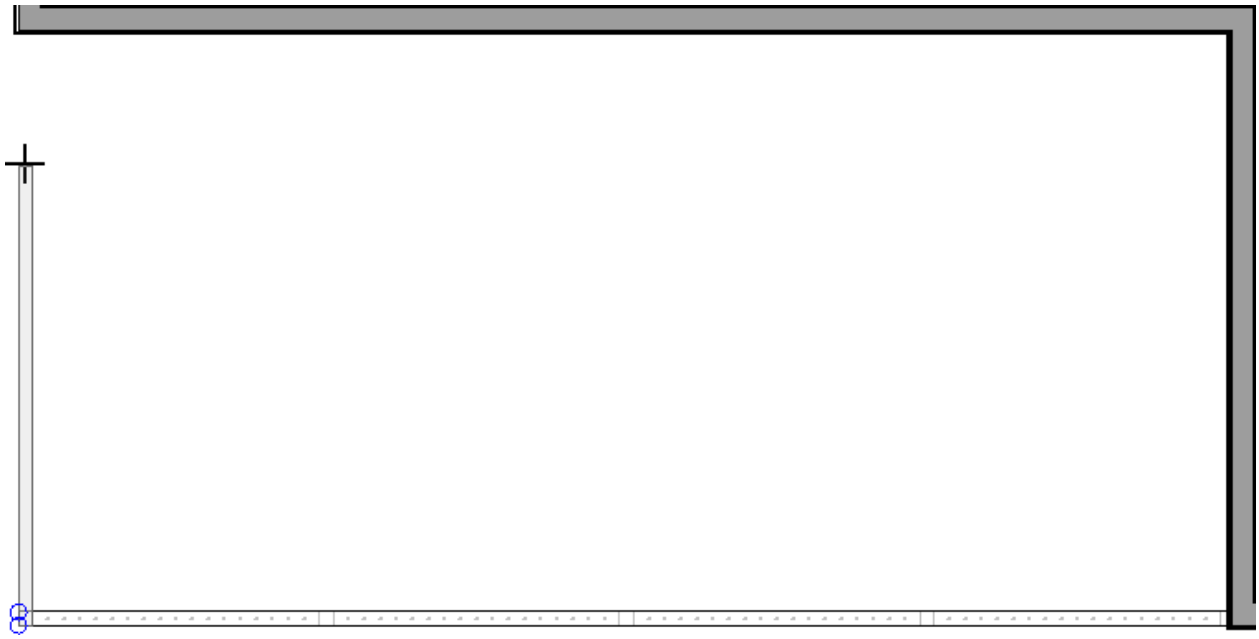
ANSWER

The Roof tools allow you to create a bullnose, or curved roof, for your house or veranda.

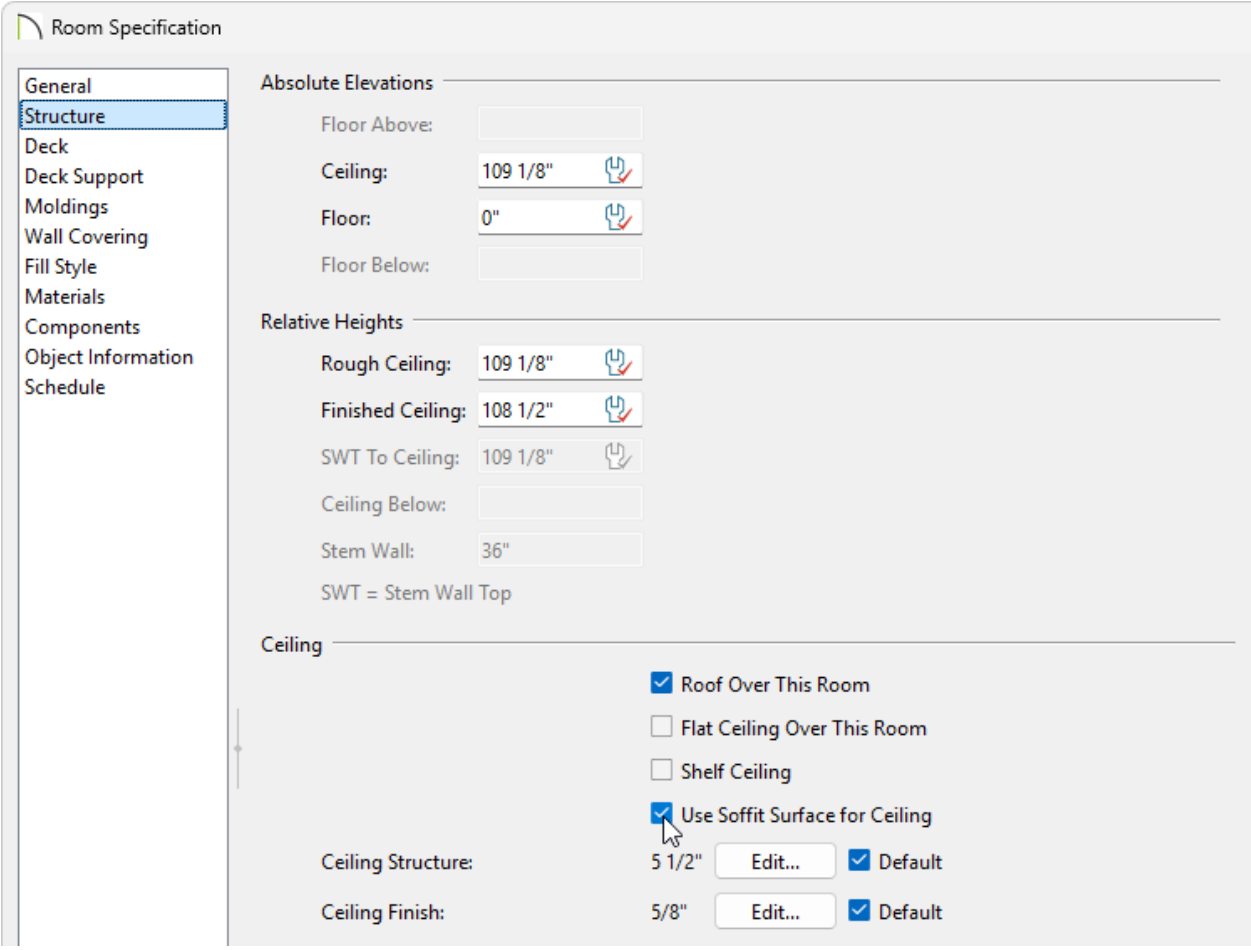
In this article, we will walk through the steps for creating a bullnose veranda on the front of a simple home using the Curved Roof setting.

Creating a bullnose veranda

1. Navigate to **Build> Railing and Deck> Straight Deck Railing** from the menu, then draw the outline of your veranda using the railings.



2. Select the exterior room you just created and click the **Open Object** edit button to open the **Room Specification** dialog:



- On the GENERAL panel, set the **Room Type** to **Porch**.

- Under the STRUCTURE panel, change the **Rough Ceiling** to a height that is lower than the main house to prevent the roof planes from merging together.

  In this example, the main structure has a Rough Ceiling of 157 1/8", while the porch has a default value of 109 1/8".

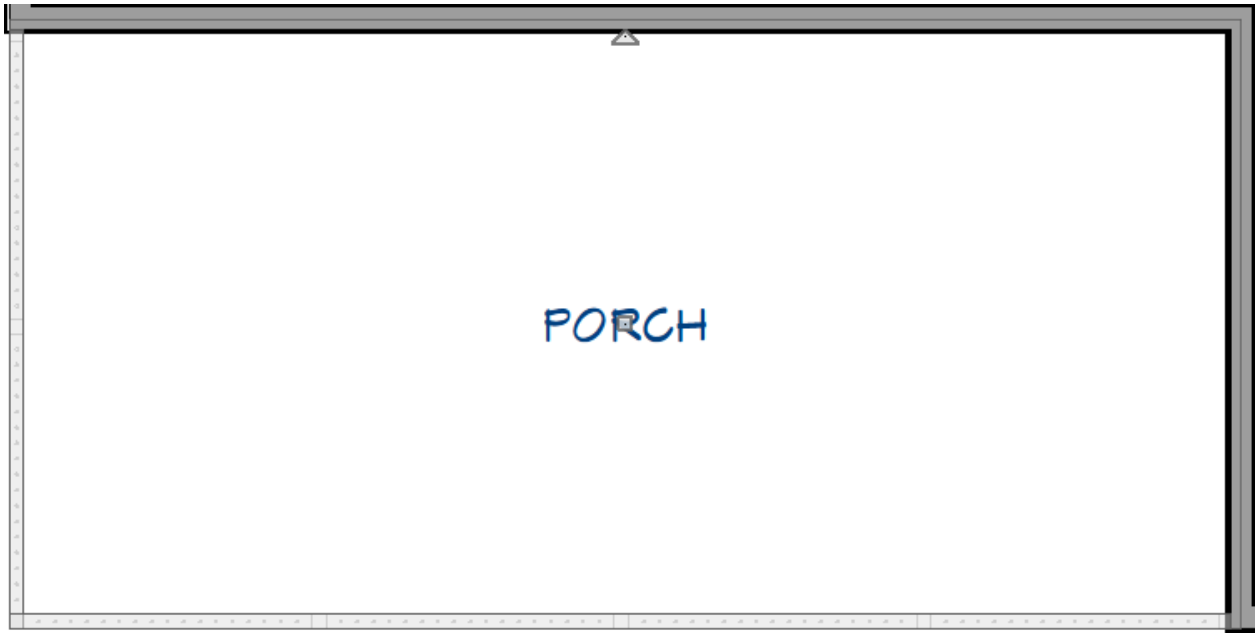
- Check the **Roof Over This Room** and **Use Soffit Surface for Ceiling** boxes.

- Uncheck the **Flat Ceiling Over This Room** box.

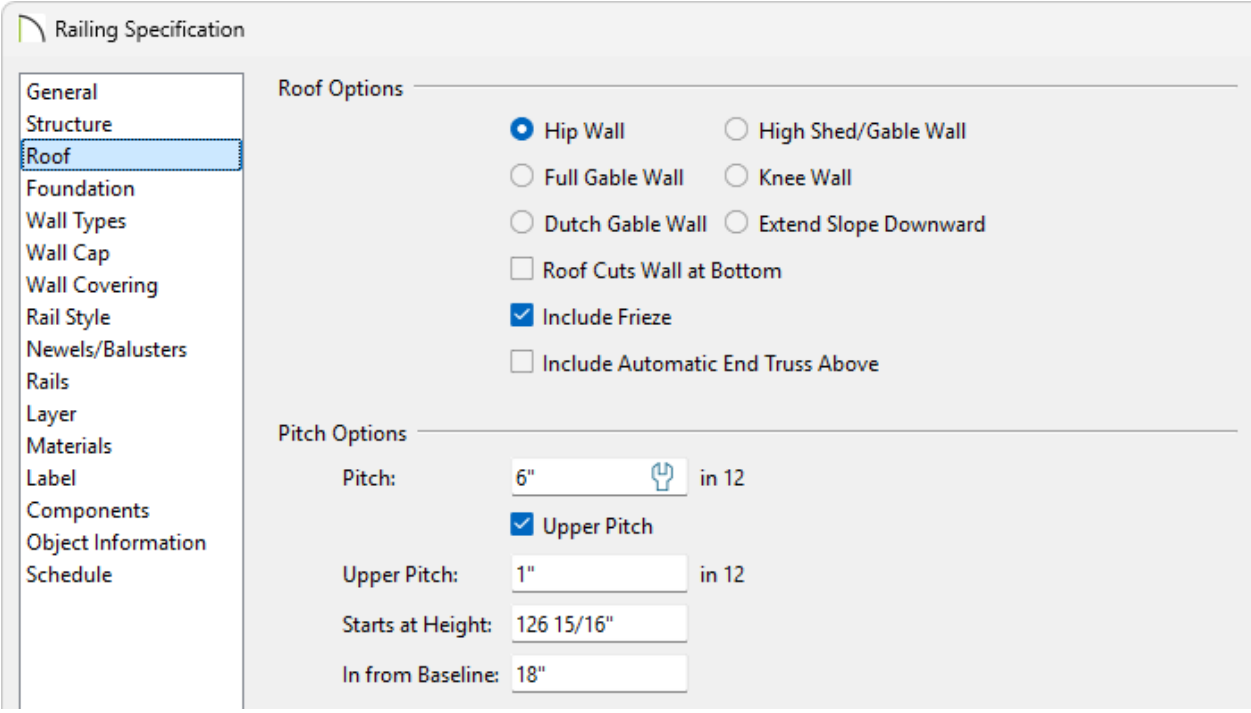
- Click **OK**.

3. With the **Select Objects** active, hold down the **Shift** key on your keyboard, click on each railing to group select them, then click the **Open Object** edit button.

> To learn more about group selecting objects, please refer to the Related Articles section below.



4. On the Roof panel of the **Railing Specification** dialog that displays:



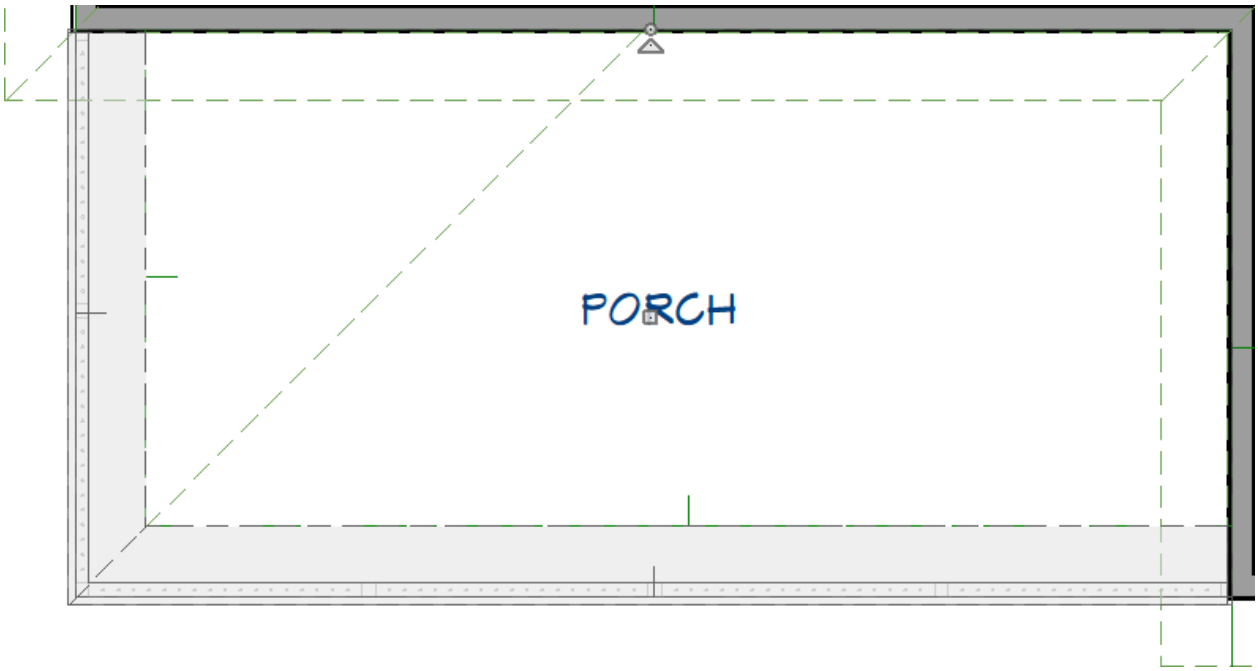
- Set the **Pitch** to **6"** in 12" (26.5°).
- Check the **Upper Pitch** box.
- Set the **Upper Pitch** to **1"** in 12" (4.5°).
- Set the **In from Baseline** distance to **18"** (457mm).
- Adjust the Overhang **Length** to any desired distance.

  In this example, 2" is used.
- Click **OK**.

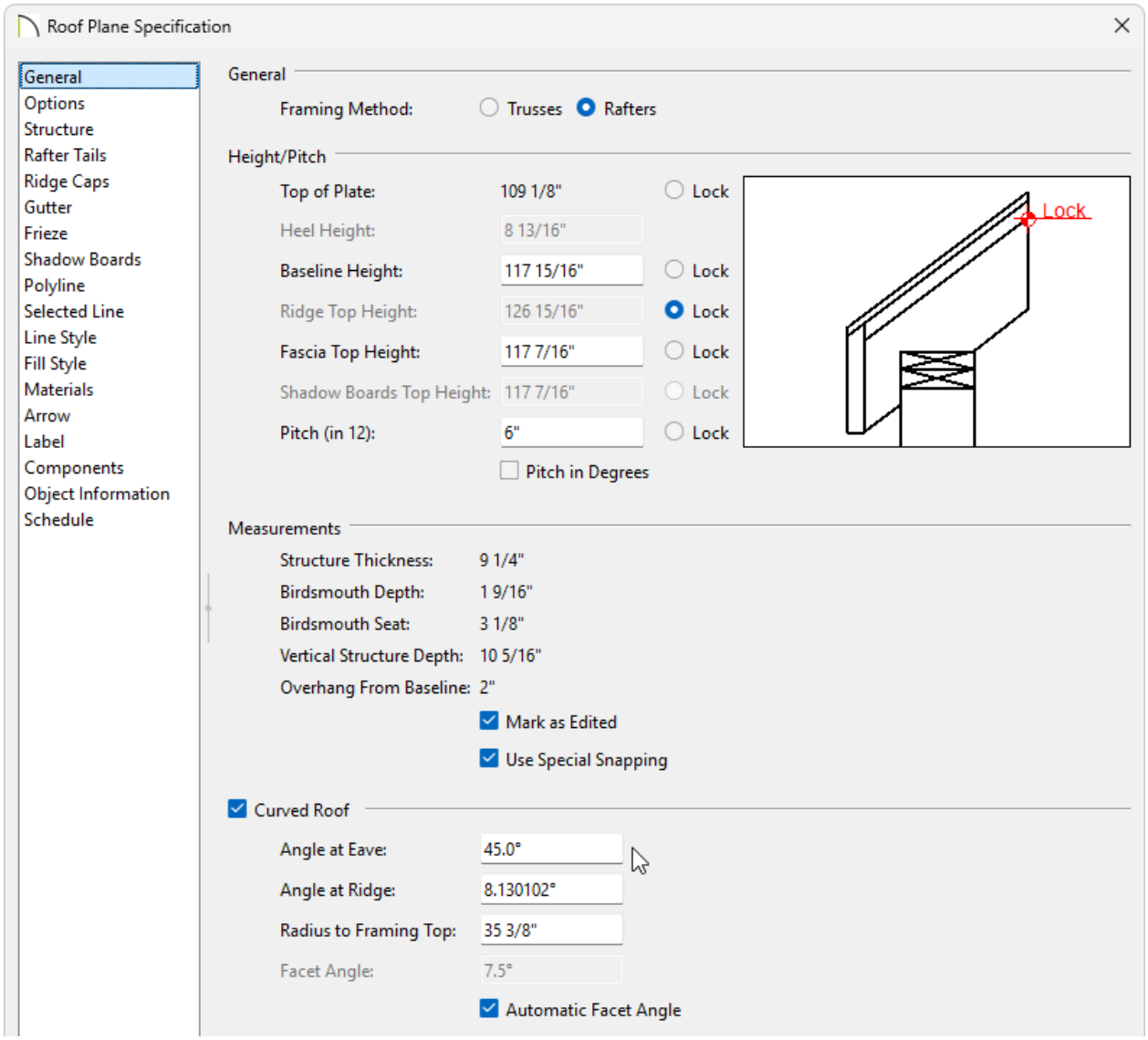
5. Select **Build> Roof> Build Roof** from the menu.

6. In the **Build Roof** dialog that displays, check the **Build Roof Planes** box, uncheck **Auto Rebuild Roofs** if it's checked, then click **OK**.

7. With the **Select Objects** tool active, hold down the **Shift** key on your keyboard, group select the two lower roof planes over the porch, then click the **Open Object** edit button.



8. On the GENERAL panel of the **Roof Plane Specification** dialog that displays:



- Under the Height/Pitch section, **Lock** the **Ridge Top Height**.
- Check the **Curved Roof** box.
- Set the **Angle at Eave** to **45°**.
- Click **OK**.

Related Articles

Creating a Curved Barrel Ceiling (/support/article/KB-00650/creating-a-curved-barrel-ceiling.html)

- Creating a Curved Barrel Roof (/support/article/KB-00649/creating-a-curved-barrel-roof.html)
- Creating Custom Balusters and Railing Panels (/support/article/KB-02893/creating-custom-balusters-and-railing-panels.html)
- Group Selecting Objects (/support/article/KB-00623/group-selecting-objects.html)
- Joining Curved Roof Planes (/support/article/KB-00688/joining-curved-roof-planes.html)

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