



Sentrigard Visualizer How-To

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Visualizer Options:

- **Sample Projects**
 - Choose a project that's similar to yours and experiment with our products and colors for a unique and customized result
- **Upload Your Photo**
 - Upload a photo of your project and instantly see how our products will look using our new AI Technology

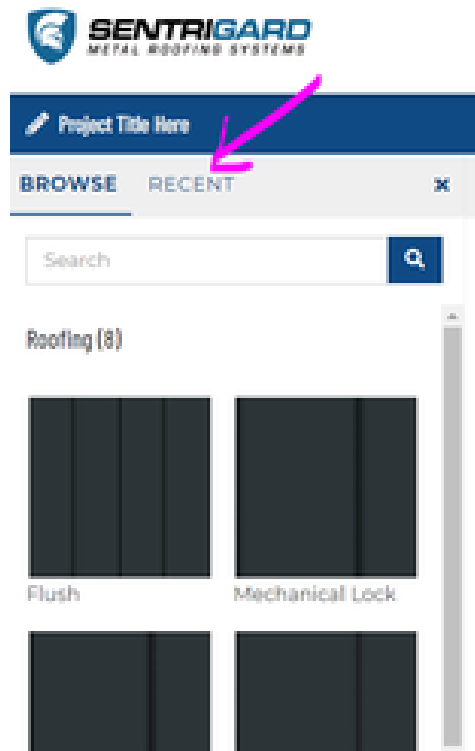
“Can I submit a Blueprint or House Plan?”

- The visualizer will accept blueprints or house plans **as long as they have been converted to JPG or PNG file formats.** *(The visualizer cannot accept PDF files.)* You can turn your PDF into an image format using a screen capture program/feature to take a closeup of the desired elevation from your plans. **You may need to enlarge your screenshot afterwards using the instructions below depending on your screen resolution.*
-

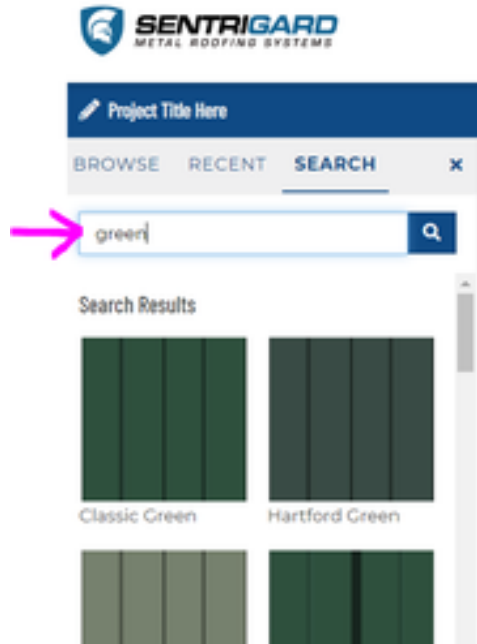
Applying Products and Saving Designs

- **How To Apply Products**

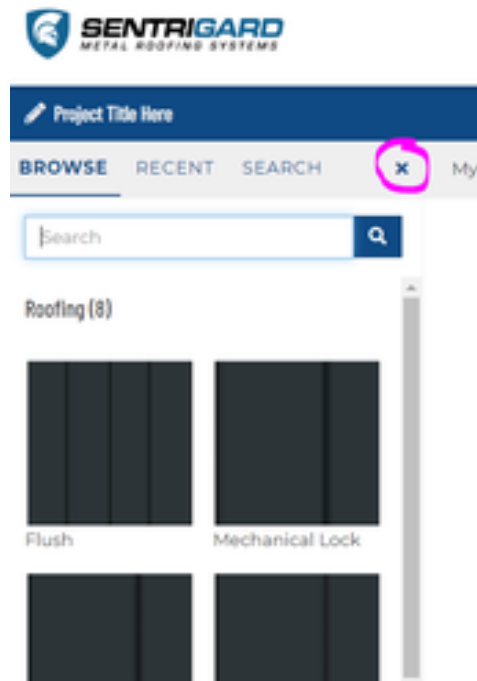
- Click on the desired area using the list on the left or click on an area on the image to open the product selection menu. When navigating through the selection menu, each choice will expand the options until you see the colors for that product style. You can scroll up and down through this menu to go back to previous options. Clicking on a color will apply it to the main image. Clicking the same area again will let you select a new color/product option.
- Use the Recent tab at the top of the Selection menu to find products or colors you've used previously on your project.



- Use the search box at the top of the Browse tab to look for specific color options. You can return to the Browse tab at the top when you're done looking through the search results.

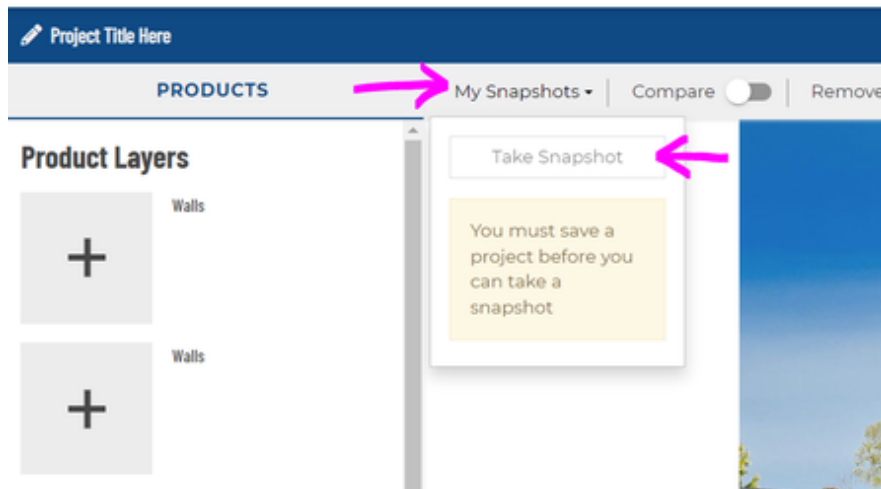


- Use the small back arrow to close the Selection menu and return to the Products list.



- **Saving Designs to a Project**

- Sign in to your visualizer account, save the entire project using the save option in the upper right, then use the *Snapshots* feature to save the current design/product selections. You can save multiple designs this way and reapply them onto the main image by clicking on their thumbnail images in the *Snapshot* menu. You can also include any saved *Snapshots* in the printable *Report*.



- **Saving Designs to your Computer or Device**

- To save a design to your computer or device, there are two options: Download an image of the current design, or, access the printable *Report* and either print it or save it as a PDF file from your print menu. (The *Report* area lets you include each of your saved *Snapshot* designs in the *Report*. The *Report* will also show a breakdown of selected products/colors.)

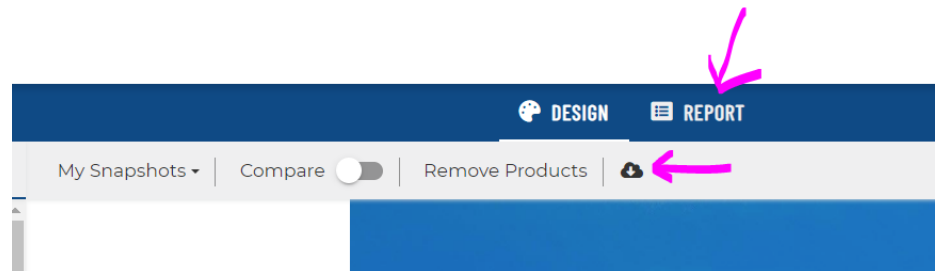
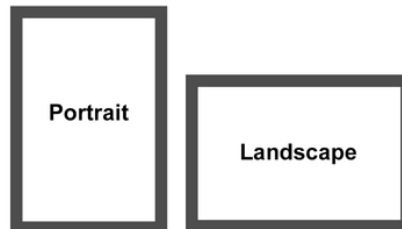


Image Guidelines

- JPG/JPEG or PNG file formats.
- Higher quality images produce better results.
- Take pictures of the home in neutral lighting during the day, not at dawn or dusk. For best results, avoid back-lighting on the home (situations where the sun is behind the house in the photo).
- When taking pictures with a phone, hold phones sideways so that the picture is taken in landscape mode



- When sending or uploading from phones, select the “Large” or “Actual” image size

What do I do if the image is too small?

- Make sure you’re using the original, unedited, and uncropped image and that you’ve chosen the image size as Large or Actual.
- If you received the image from somewhere else, it may have been compressed during transfer and you may need to change methods for sending/receiving images. (Make sure to select “Large” or “Actual” image sizes when sending images.)

You can enlarge the image using a photo-editing software like Photoshop or Canva, or a designated image resizing software or app.

Note -- Drastic enlargements (or enlarging an image that is poor quality) can result in blurry images as the pixels are forced to stretch to fill a larger space.

Resizing with Photoshop: [Change the image size](#)

Free Online Resizer: [Free Image Resizer: Resize Photos Online | Adobe Express](#)

General resizing How-To: [5 Ways to Resize a JPEG - wikiHow](#)

Upload Your Photo

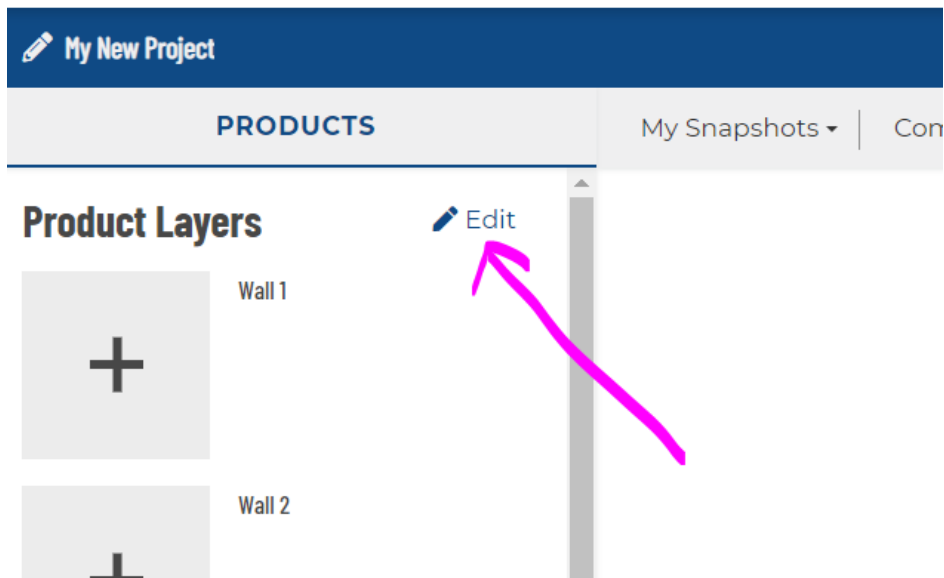
Prepare your photo using the help of our A.I. technology.

NOTE: While you can use a phone or small screen device for designing, to edit the layout of the project, you may need to switch to a larger screen device to complete the process as the **editing tools are only available on a large screen device such as a laptop or desktop computer.**

- Project will be prepared in a minute or less.
- Expect jagged lines and rough design capabilities.
- Some roof angles may need to be adjusted using the editing tools.
- Best for rough visualization and early project planning
- Free to use.

Editing an automatically prepared project

To access the Editing/Drawing area from the Design view, look for the “Edit” option at the top of the Products list.



Make changes to existing layers:

Click on any outlined areas on the image to pull up the Edit menu options for that layer. You can see the outlined areas by hovering over them on the image.

Edit menu options:

- Add To Surface - Allows you to add more points and surface area to the active layer.
- Remove From Surface - Allows you to erase portions of the active layer.
- Set Layer's Perspective - Apply a perspective box to the layer so that it can be manipulated to match the perspective angle of the intended area.
- Opacity - The slider bar can be adjusted to set the level of transparency the active layer has when applying products. Lower values mean the layer will show more of the original image beneath when product is applied. A value of 100 is completely opaque and won't show any of the natural shadows from the image.
- Remove Entire Surface - Delete the active layer.
- Done - Confirm or approve the active layer and return to the Drawing area.

When using the “Add to Surface” or “Remove from Surface” edit options, you will need to outline the area on the image that you wish to add to your layer (or remove from your layer).

To Draw/Outline an Area (Surface Outline Start Point menu):

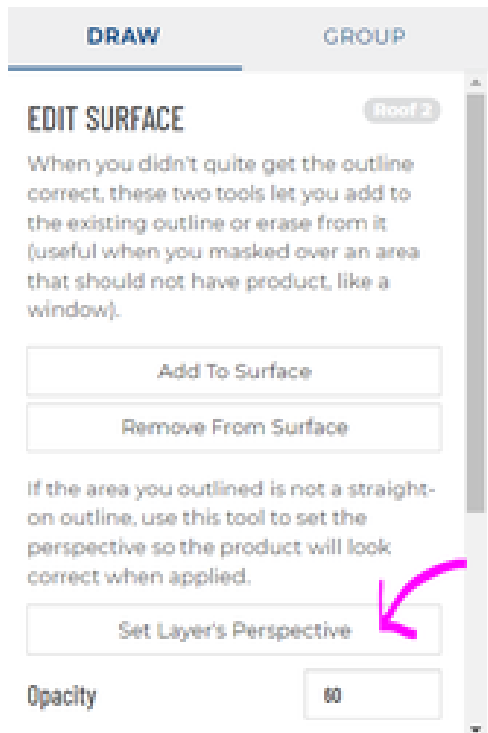
1. **Click on a point on the perimeter of the element you wish to add or remove in order to start drawing.** A line will extend from your cursor. Move the cursor over to the next corner of the area and click again to set this next point into place. **Every time you click on the image, you create an “anchor point.”** Continue all the way around your element, clicking each time until you loop back to your first start point.
2. **To finish drawing the shape, close the layer by clicking the original anchor point.** Closing the shape will either add or remove the area inside your outline.

Note: The anchor points at the corners of your shape will act as handles and you can click and drag them to better line up with the existing surface.

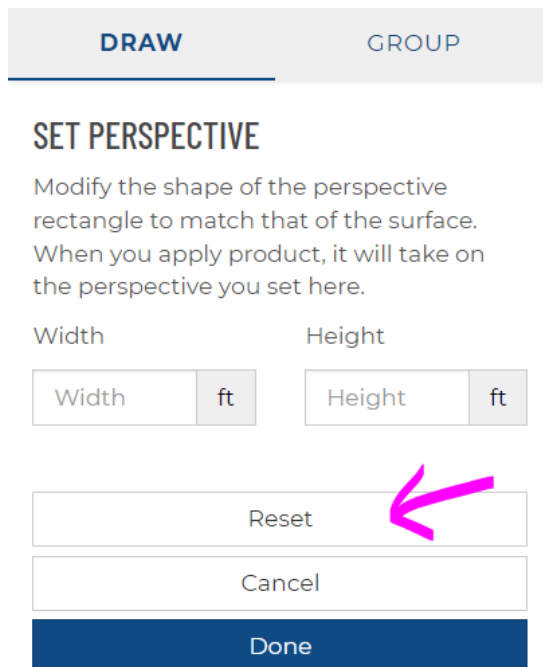
How to Set Layer's Perspective (to change the angle of the surface/product)

Use the “Set Layer's Perspective” button in the layer's Edit menu to open the red perspective box for the selected layer and arrange it on the image to tell the program what angle the surface is at in relation to the camera viewpoint.

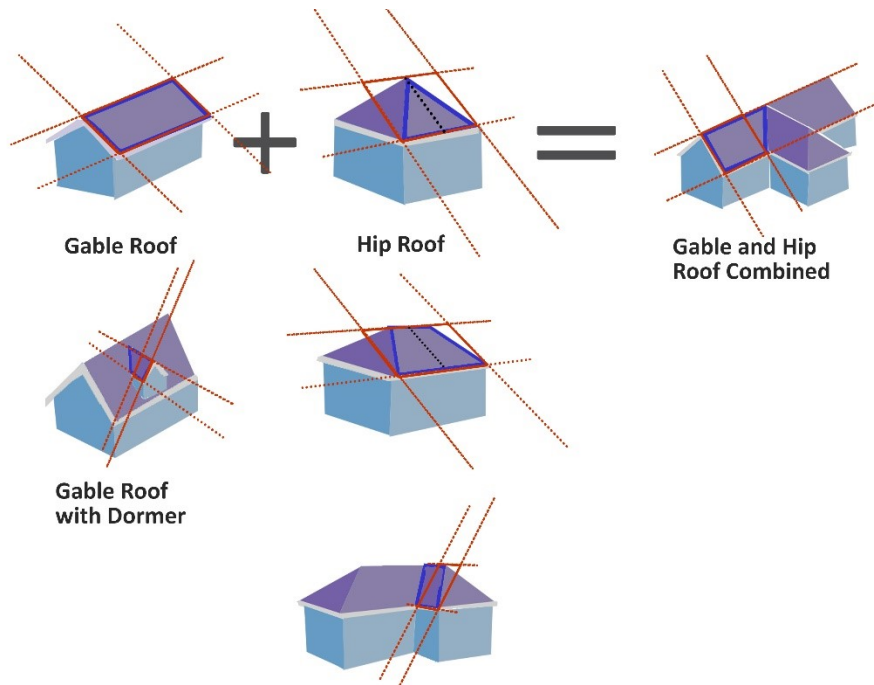
1. From the Editing/Drawing area of the visualizer, click on the layer from the image that you would like to edit to pull up the Edit menu options. Look for the button to “Set Layer’s Perspective”.



2. Use the “Reset” button to reset the red perspective box.



3. Line up the top of the box with the top roof ridge and the bottom edge of the box with the gutters or drip edge.
4. Line up the sides of the box with the left or right edge of the roof depending on the roof shape. For Hip Style Roof areas, line up the left and right sides so that they are parallel - imagine the hip roof is actually a gable roof with invisible corners. See the graphic below for a demonstration of the red perspective box placed on different highlighted roof sections:
5. **Click DONE to confirm the change.**



Add new layer areas:

1. Select a product category (Roofing or Trim) to start outlining a surface on your image using that layer type. What type of layer you draw will determine what products will be available on that area when designing.

DRAW

GROUP

PRODUCT TYPES



Wall



Roofing



Trim



Foreground

UTILITIES



Change Project Scale



Remove Masking Areas

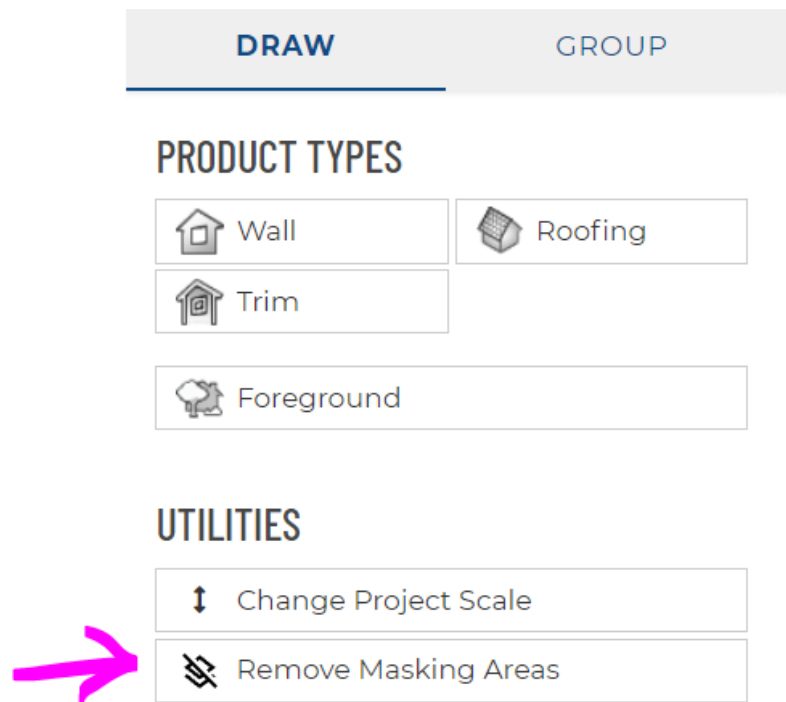
2. To Draw/Outline an Area:

1. **Click on a point on the perimeter of your chosen area to start drawing** (Hint: start with sections farther away from the camera). A line will extend from your cursor. Move the cursor over to the next corner of the surface and click again to set this next point into place. **Every time you click on the image, you create an “anchor point”**. Continue all the way around your element, clicking each time until you loop back to your first start point.
2. **To finish drawing the shape, close the layer by clicking the original anchor point.**
3. If you need to adjust your layer to match the existing surface more accurately, the anchor points will act as handles and you can click and drag them to better line up with the existing surface
4. If working with Roofing type layers which are on an angle in relation to the camera, you may need to Set the Layer's Perspective so that the product looks realistic. When setting perspective, a red box will appear that you will want to move around and adjust to align with the edges of your roof section. Click Done to confirm the change.
5. Scroll down to the DONE button at the bottom of the menu to finish editing and to start outlining your next layer. (Hint: Most layers stack on top of one another and only the top-most layer will display products.)

6. You can group layers of the same type together by going to the Group tab, selecting the layers from the image, and choosing to Group them. Grouped layers will act as one layer in the Design view.
7. When you have finished drawing or editing all of your layers, you can return to the Design view by clicking Save & Continue at the bottom of the menu.

Delete all existing layers and start again:

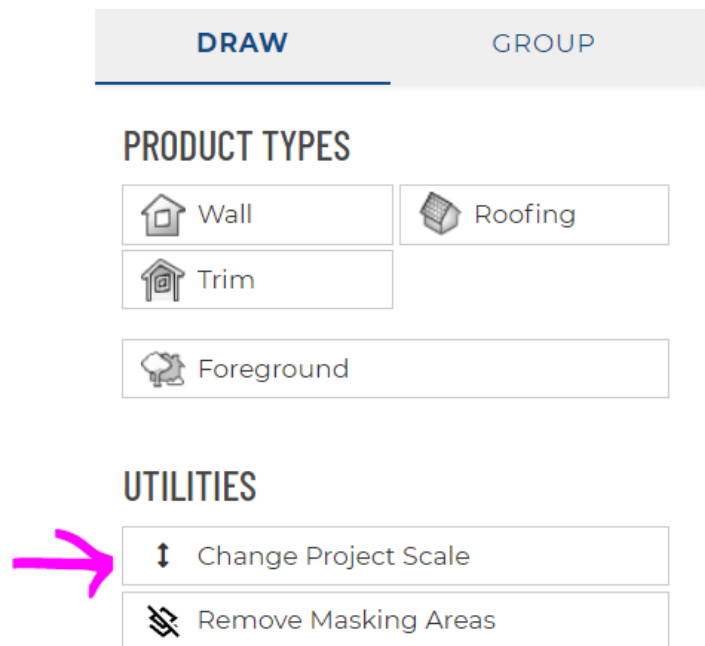
Start over fresh by using the Remove Masking Areas option under Utilities



Change the Scale of Products on a Project

If you notice the roofing products appear overall too large or too small on the image, you may want to reset the Project Scale. Project Scale is used by the program to display the roofing products at an accurate size.

To reset the Project Scale, first make sure you're in the Editing/Drawing area. (If you're in the Design view, use the "Edit Layers" link at the top of the Products menu.) Look for the button under Utilities called "Change Project Scale"



Setting the Project Scale

1. Give the program an idea of scale for your image by adding a measuring line to the height of a wall, doorway, or window. Use a feature on the home that you can provide an estimated measurement for. (We recommend using the height of an entry door.)
2. **To draw the measuring line, click once at the top of the item you're going to measure on your image, then click again at the bottom of item.** You can enter the height of the line in the next menu.

DRAW

GROUP

SET THE PROJECT SCALE

Tell us how large the subject of the picture is in real life.

Click or tap on a corner of a wall, door or window, to start drawing a measuring line.



Cancel

Returning to the Design View

To return to the Design view (where you can apply products), look for the “Save & Continue” button at the bottom of the side menu. Remember, you can always get back to the Editing/Drawing area by clicking the “Edit Layers” link at the top of the Products menu.

UTILITIES

↑ Change Project Scale

✖ Remove Masking Areas

Save & Continue



WHAT IS THE FOREGROUND TOOL?

The foreground tool is used to outline something that is in front of your surfaces such as patio furniture, vehicles, trees, shrubs, exterior lights, and other structures on the home. The foreground will act as the topmost layer. No products will ever be applied to areas outlined with the foreground tool. The foreground outline will appear red on your image.

Common Questions

“Can I edit the layers of a Sample Project?”

- Yes. If you save the Sample Project to your visualizer account, you will have access to the Edit options at the top of the Product Layers list. When you save the project for the first time, the visualizer will ask for a new project name. To access your version of this project in the future, go to the My Projects page of the visualizer (available in the header when signed in) and select it from your list of projects.

“How do I delete a layer?”

- Go to Edit Layers/Draw area, click on the layer on the image that you want to change in order to pull up the edit menu options, look for the “Remove Entire Surface” button option to delete that layer entirely.

“Can I apply the same product to multiple areas at the same time?”

- Yes. On saved 2D projects, you can group layers of the same type together so that they act like the same area when applying products. The Group tab is available in the Edit Layers/Draw area of the visualizer. From the Group tab, click on each layer of the same type on your image that you want and click Group.
 - Alternatively, when in the Design area, you can click on a layer to apply products and look for the Recent tab at the top of the product selection menu to find/reapply selections you’ve chosen before.

“Can I remove products that I’ve applied from a single area?”

- Yes. On the Product Layers list on the left, look for the sample swatch for the region that you want to affect. Click the small “X” button in the top right corner of the sample swatch/square. Confirm that you want to remove the products from that one region.

“How do I see a close-up view of the design?”

- You can use the zoom controls in the lower right corner to zoom in and pan the view around to the area you want to see in detail.

“The product looks crooked or appears to be on a weird angle, what do I do?”

- You can adjust the angle of a product on a specific layer by using the “Set Layer’s Perspective” feature in the edit menu of the layer you wish to change. To do this, click Edit to go back to the Draw area. Hover over the specific layer on the image that you want to adjust and click to bring up the Edit Surface menu options. Click on “Set Layer’s Perspective”. When setting perspective, a red box will appear that you will want to move around and adjust to align with the your wall or roof section. For specific instructions, see the section above about “**How to Set Layer’s Perspective**”. Click Done and then Save & Continue to go back to the Design area.

“No matter what I do, all the product looks too small or too big.”

- In this case, you may need to reset the Project Scale. You can redo the Project Scale by clicking Edit to go back to the Draw area and clicking the button called “Change Project Scale”. Draw your new measuring line and make sure to type in the proper height of the line in feet and inches in the menu on the left.

“Can I change the product scale on a single region or layer independently?”

- Yes, you can adjust the scale of a specific layer by providing width and height information in the “Set Layer’s Perspective” feature in the edit menu of the layer you wish to change. To do this, click Edit to go back to the Draw area. Hover over the specific layer on the image that you want to adjust and click to bring up the Edit Surface menu options. Click on “Set Layer’s Perspective”. In the menu on the left, enter width and height values for the red perspective box. Click Done to confirm the changes and then Save & Continue to go back to the Design area.