

Working with the VIVA PANEL Railing System

***When adjusting type properties it will update all of the family/system instances of the same type on that project. If customizing a certain instance, duplicate the type to separate it from the other types.

Post and Panel Finishes

There are multiple finish options available for posts and panels. It is best to make these changes in the template file in order to keep file size down in your project.

1. Locate 'Baluster-Post-VIVA-PANEL' family in the project browser under Railings
2. Select required post style based on installation method and if handrail is required
3. In type properties select material link for 'Finish' parameter
4. Select required finish for post
 - a. Electroplated and Powder Coat options are pre-built into models
5. Select Ok to exist material catalog
6. Select Ok to exist post type properties
7. Locate 'Baluster-Panel-VIVA-PANEL'
8. Select required type
9. In type properties select material lin for 'Finish' parameter
10. Select required pane finish
11. Select Ok to exist material catalog
12. Select Ok to exist type properties
13. Visually verify finish selection in the 3d preview

Panel System Spacing

Follow the steps below to customize the railing systems to your specific project.

1. Divide total length of railing segment by the number of intermediate posts you would like to use. This is the pattern length.
 - a. Max is 4' 6" OC
2. Open type properties for desired railing system
3. On Baluster Placement parameter click 'Edit'
4. You will see two families in the main pattern
 - a. Baluster-Panel-VIVA-PANEL : Railing Panel
 - b. Baluster-Post-VIVA-PANEL : Core Mounted Post
5. Divide the pattern length (from step 1) by 2.
6. Put the number in the distance from previous field for the panel and mid baluster.
7. Pattern Length should show number calculated in step 1
8. Select Ok to exit Baluster Placement dialog
9. Select Ok to exit type properties
10. Locate Panel Family in the project browser under Railings
 - a. Baluster-Panel-VIVA-PANEL
11. Double click type to open type properties

12. Locate the 'Width' parameter
13. Enter pattern length - 1" into the Width field
14. Select Ok
15. Visually verify all components line up and are spaced appropriately

Panel Cut Patterns

This template is provided with one panel option, but many are available. Follow the steps below to modify the panel to show the exact option specified as needed.

1. Locate 'Baluster-Panel-VIVA-PANEL' family in project browser under Railing
2. Right click and choose 'Edit' to open family editor
3. Go to Left view
4. Select Void Extrusion
5. Select Edit Extrusion on the Mode toolbar
6. Remove all lines
7. Draw new lines as they appear on the panel specified
8. It is recommended to constrain all lines in place with dimensional constraints
9. Select Finish on the Mode toolbar
10. Load family into project
11. Select 'Overwrite the existing version'
12. Visually verify panel changes