

# Known Issues

## Autodesk® Revit® Structure 2010

### Ribbon

- Pulling off many Ribbon panels into independent floating windows may cause Autodesk Revit Structure to crash during startup. The number of panels that can be safely pulled off is dependent on operating system, video card, and possibly other factors. To fix the issue, the UI state can be reset to default settings by removing the UIState.dat file by browsing to the appropriate product folder located in one of the following locations:
  - For Windows® XP:  
%USERPROFILE%\Local Settings\Application Data\Autodesk\Revit\
  - For Windows® Vista®:  
%LOCALAPPDATA%\Autodesk\Revit\

### InfoCenter

- Searching for help using InfoCenter may retrieve hits from Autodesk's Online Knowledgebase Search that are not related to Autodesk Revit Structure. Verify that any solution you attempt to implement from the Online Help Forums is describing an Autodesk Revit Structure solution.

### Spot Slope tool

- The Spot Slope tool will not report slope for ramps or railings in plan view.

### Slanted Columns

- Slanted column creation is currently not available in plans views.
- Slanted columns will not show in the graphical column schedule view.
- No join is created for a slanted column end joined to vertical column.
- No cleanup for the join of a slanted column to a slanted column.
- Concrete joins to slanted columns may not create expected geometry in some cases.
- Copy monitor tool currently does not apply to slanted columns.
- Column Location Mark parameter is currently not available for slanted columns.

### Wall Sweeps

- Some wall sweeps may not mirror correctly after they have been lengthened or shortened by dragging their shape handle.

### Views

- Alt+minus does not open the system menu of Autodesk Revit Structure views.
- When you open a 3D view for the first time in a Autodesk Revit Structure project, the Modify Cameras tab may incorrectly become active. Click in the view to return to the previously-active tab.

### Windows Add or Remove Programs tool

- Currently, if you select your Autodesk Revit Structure install and click the Change/Remove button, Autodesk Revit Structure will be uninstalled without any further notification.

### Windows Vista OS *without* SP1 installed

- Some Autodesk Revit Structure functionality, such as the Alt key and right-clicking on the Ribbon, may cause unexpected results if Service Pack 1 is not installed. Please upgrade your Windows Vista OS to include SP1.

### Windows Vista OS using Window Aero color scheme

- Some tasks may cause the ribbon to show as a blank graphic. Hover over the blank area with your cursor to restore the ribbon.

### Windows Explorer and Revit-based product thumbnail previews

- Revit-based product thumbnail previews may display incorrectly, showing only as Revit file icons, in Windows Explorer windows.

### ADSK Inventor Export files

- ADSK files exported from Inventor may improperly have a second Bounding Box. However, the extra box does not affect the visible control of the family.
- If you are not able to open an ADSK file from Inventor in Autodesk Revit Structure 2010 then the ADSK file may have been created using an incompatible version of Inventor. Ask the content creator to search for any patches, or service packs related to the 2010 release of Inventor.

### F1 Help and Tooltips

- If Tooltip assistance is disabled in Autodesk Revit Structure Options, then pressing F1 will display a default Help topic instead of a context-sensitive one.

### Country specific terms for United Kingdom Installations only

- The following terms have been changed in the UK installation of Autodesk Revit Structure 2010, but the online Help and Tutorial CHM files still reflect the US terms as follows:

<b>US Term</b>	<b>UK Term</b>
Girder	Primary
Joist	Secondary
Horizontal Bracing	Plan Bracing
Purlin	Tertiary
Coping	Notching
Coping Distance	Notching Distance
Remove Coping	Remove Notching
Coped	Notched (mostly appear in warning messages)

### Conceptual Mass Environments

- General Workflow (Conceptual Mass)
  - As Mass families become larger and more complex, they can quickly increase in memory size. Please be aware that excessively-large Mass families can adversely

- impact performance and take a relatively long time to load into Autodesk Revit Structure.
- In the Visibility Graphics dialog box, if you clear “Show model categories in this view,” all model elements will still display.
- Snap settings currently have limited effect when dragging a form using the arrow controls.
- Converting a solid form to a void form and back to a solid form currently sets the subcategory to None, instead of Form.
- X-Ray visibility mode is not supported for joined forms.
- Profiles added to a form cannot be copied/pasted to a new location.
- Form (Conceptual Mass)
  - Revolve
    - The Add Edge tool cannot be used on some complex revolve forms.
  - Extrusion/Lofts
    - An extrusion made from one loop inscribed within another loop is not supported.
    - A non-planar lofted surface cannot be thickened with its arrow controls or through its properties.
  - Sweeps
    - Profiles of a sweep along a multi-segment path cannot be unlocked. The sweep will have the same profile along the length of the path.
    - Sweeps with multi-segment paths must have closed-loop profiles.
    - The end face of a multi-segment sweep cannot be moved; no arrow controls are posted.
    - The Add Edge tool is not supported for all sweeps containing multi-segment paths.
    - New path segments cannot be added to a sweep after the original sweep is created.
    - A profile loop added to a sweep cannot be selected as a whole. Only individual segments of the profile are selectable.
  - Border Conditions of Curtain Panels on Divided Surfaces
    - Border conditions of divided surfaces that host Curtain Panels have the option (select Divided Surface>Instance Properties> Border Tile) of being
      - **Empty**,
      - **Overhanging** (panels extend beyond the surface), or
      - **Partial** (panels are trimmed at the edge of the surface).Often, panels may not be completely or correctly trimmed. In some cases, these panels may simply be deleted one instance at a time to get closer to the user’s intended configuration. In more severe situations, the user may need to set the border condition to Empty and create in-place geometry to configure the border condition.

- Sketching (Conceptual Mass)
  - Levels
    - Levels created in a conceptual mass family are not currently visible or able to be referenced in the project environment.
    - Levels and reference planes added while working in the in-place conceptual mass environment are not currently visible or able to be referenced in the project environment.
    - Dragging a parameterized level in a 3D view moves the level in the opposite direction.
    - Temporary dimensions between levels in 3D views do not have the ability to become permanent dimensions.
    - Creating a new level from a 2D view remains a two-click process, while creating a new level from a 3D view is a one-click process.
  - Workplanes
    - When placing a component that is level-based, selection of a level does not set the current work plane.
    - Setting the current work plane by selecting with the modify tool will not work for arc reference lines or for reference points where the “Show reference plane” property is set to “Never” or “When Selected”.
    - The crossing selection tool cannot be used to set the current work plane.
  - Lines, Reference Lines, and Reference Planes
    - When a named reference plane is selected, its name does not display.
    - Reference planes can be rotated while in a 2D view, but not in a 3D view.
- Reference Points and Spline Through Points (Conceptual Mass)
  - Upon placement, reference points do not snap to levels.
  - Making a form from a closed loop Spline Through Points may result in a form that is not as flexible as the underlying Spline Through Points.
  - Points hosted to imported .DWG objects may not host as expected. A recommended workaround is to import the .DWG into another family and nest that .DWG family into the Conceptual Mass family.
- Labeled Dimensions (Conceptual Mass)
  - Labeled dimensions cannot be locked through the family types dialog, but can be locked using the on-screen lock icon.
  - Unrelated elements will sometimes move after the value of a labeled dimension is changed.
  - Ability to directly manipulate a radial, labeled dimension of an ellipse is not supported.
  - When the Constrain to Profile command is being used, form dimensions which are not related to the selected profile will disappear.
  - Auto dimensions, in some cases, may result in a “Constraints Are Not Satisfied” error.

- Labeled or locked dimensions between vertical edges of unconstrained forms may, in some cases, fail with a “Constraints Are Not Satisfied” error.

### Previous Release Known Issues

- For Known Issues from previous releases that still exist in Autodesk Revit Structure 2010, please [click here](#).



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