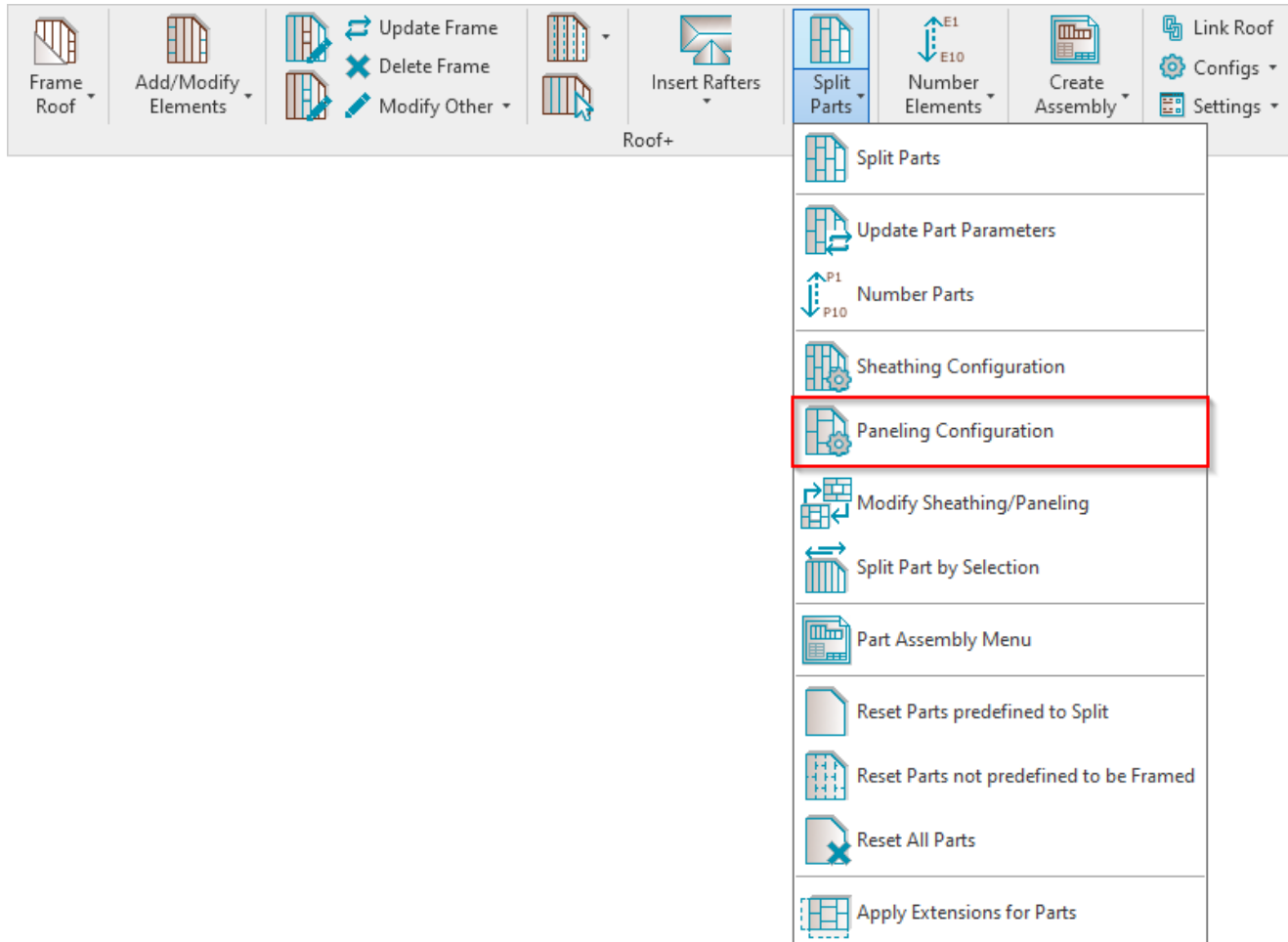


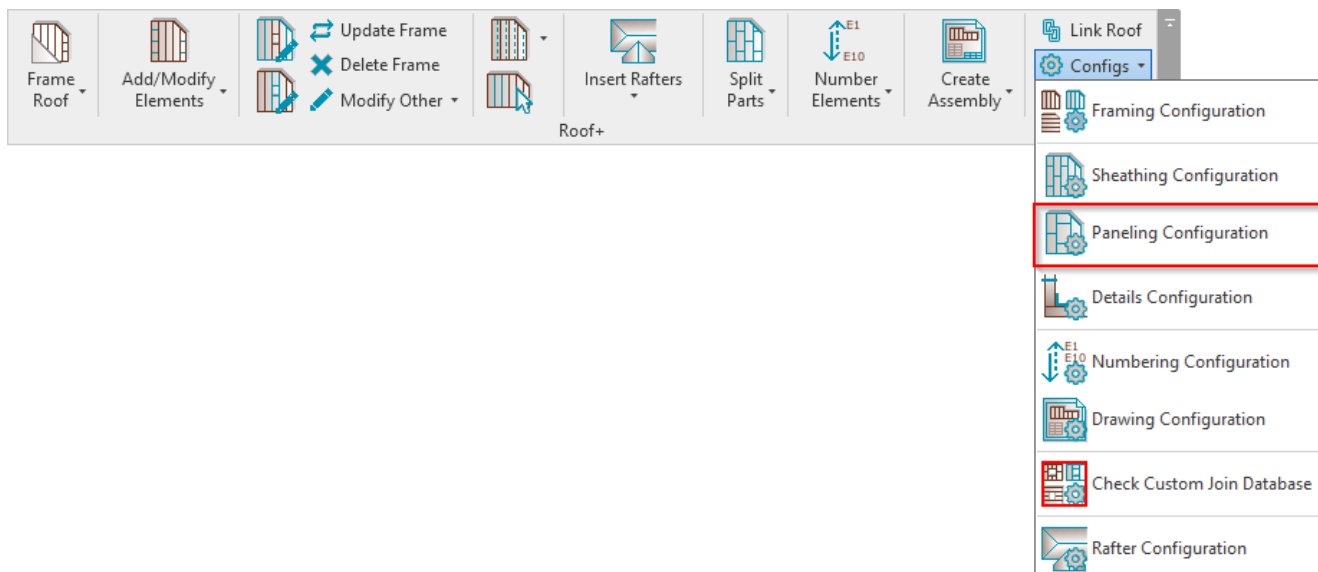
SHEATHING and PANELING LAYOUTS – Paneling Configuration

Modified on: Sun, 17 Jan, 2021 at 6:46 PM

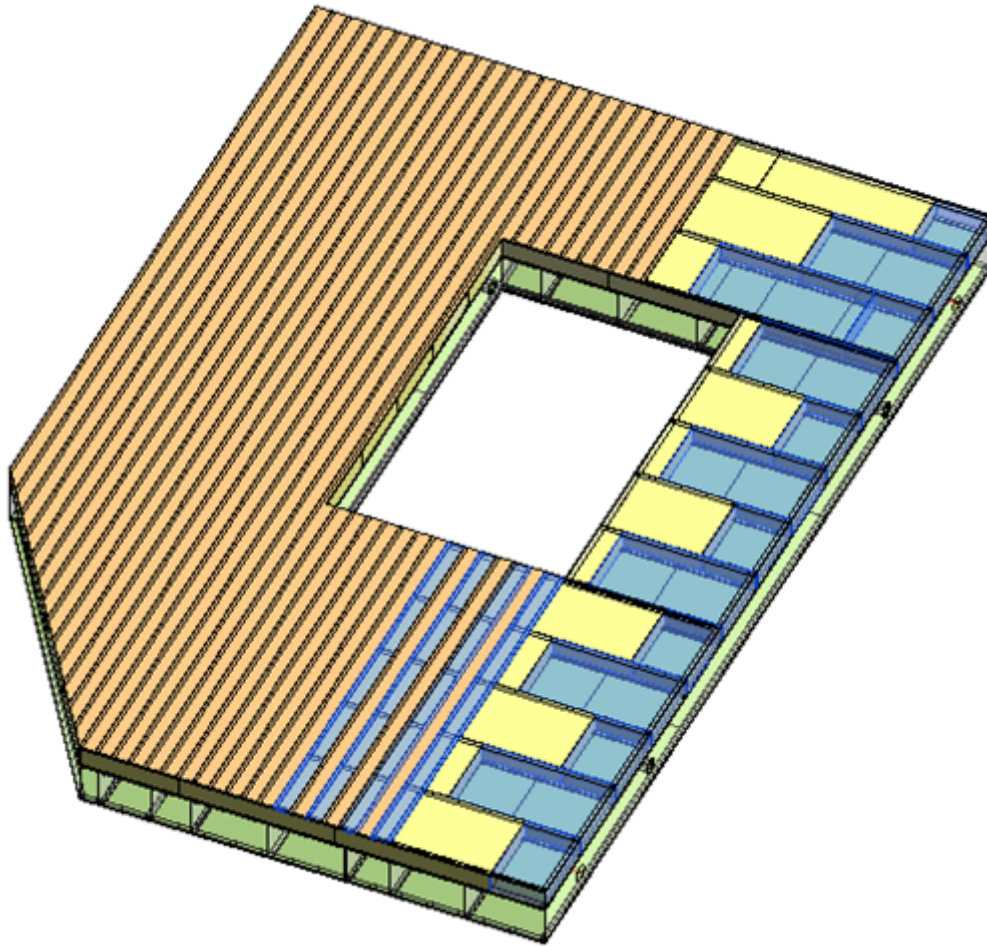
Paneling Configuration



OR:

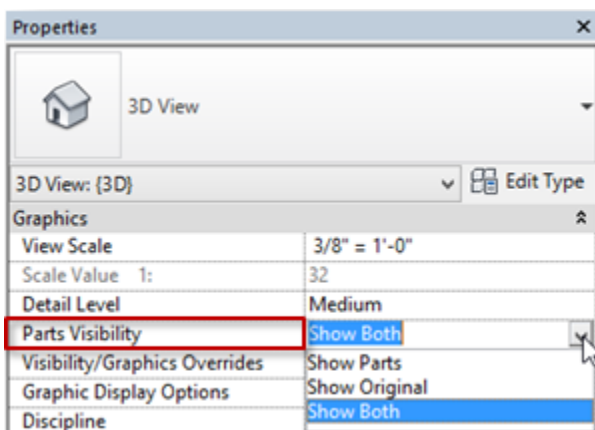


Paneling Configuration – allows you to configure and save settings for the paneling layouts. These settings can be saved and linked with roof layer using Link Roof.

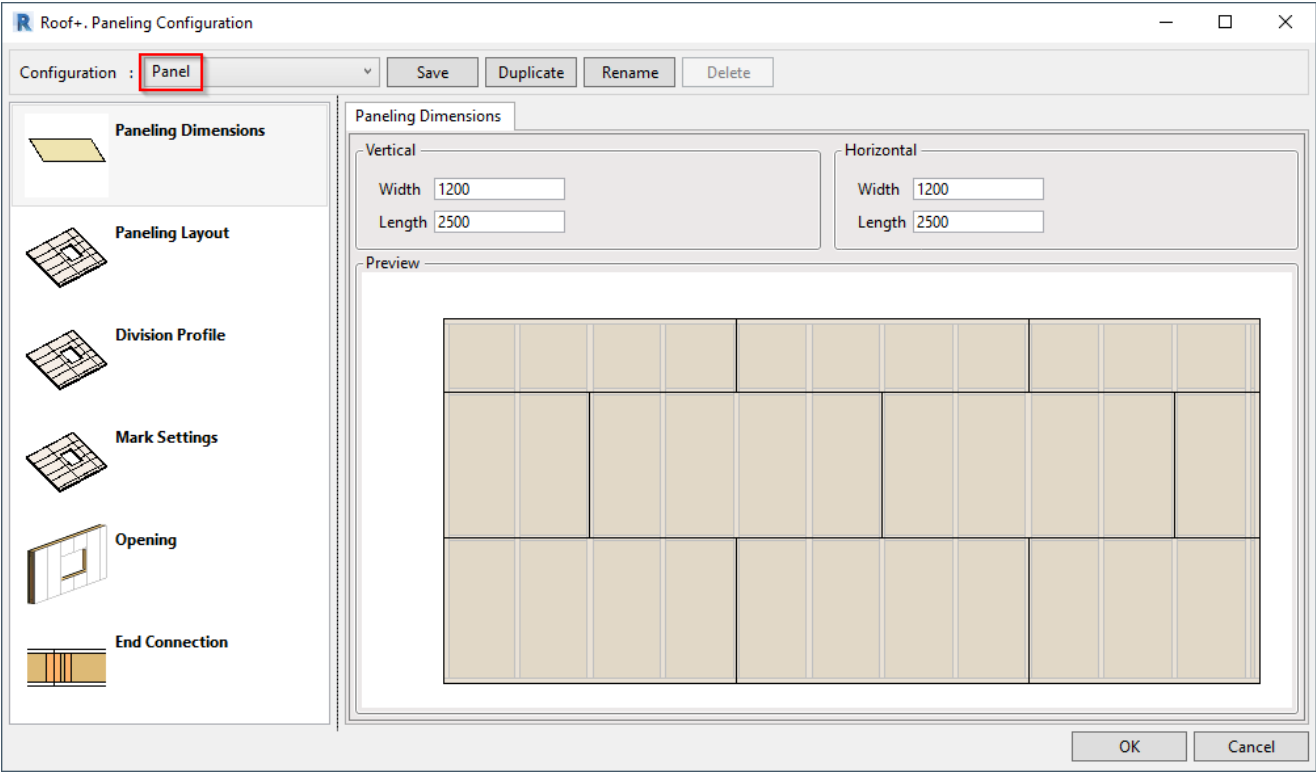
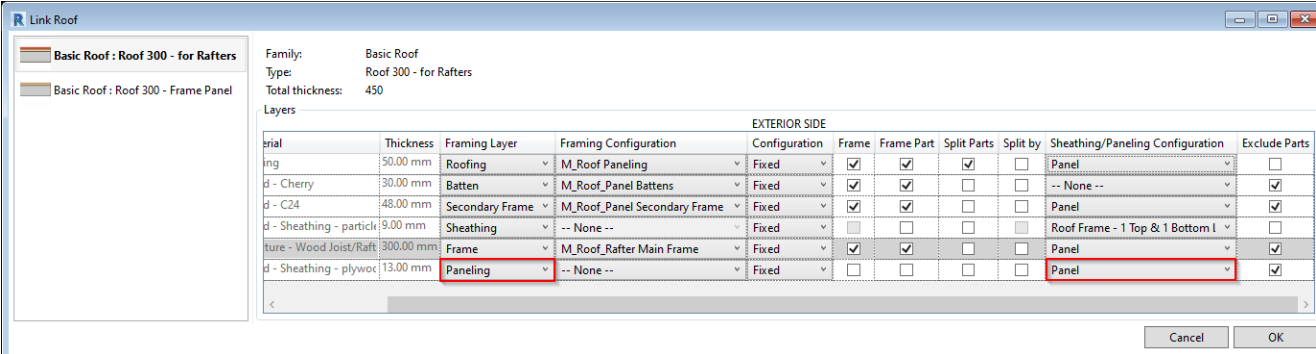


Using Paneling Configuration you can predefine insulation and paneling setting for your Revit project.

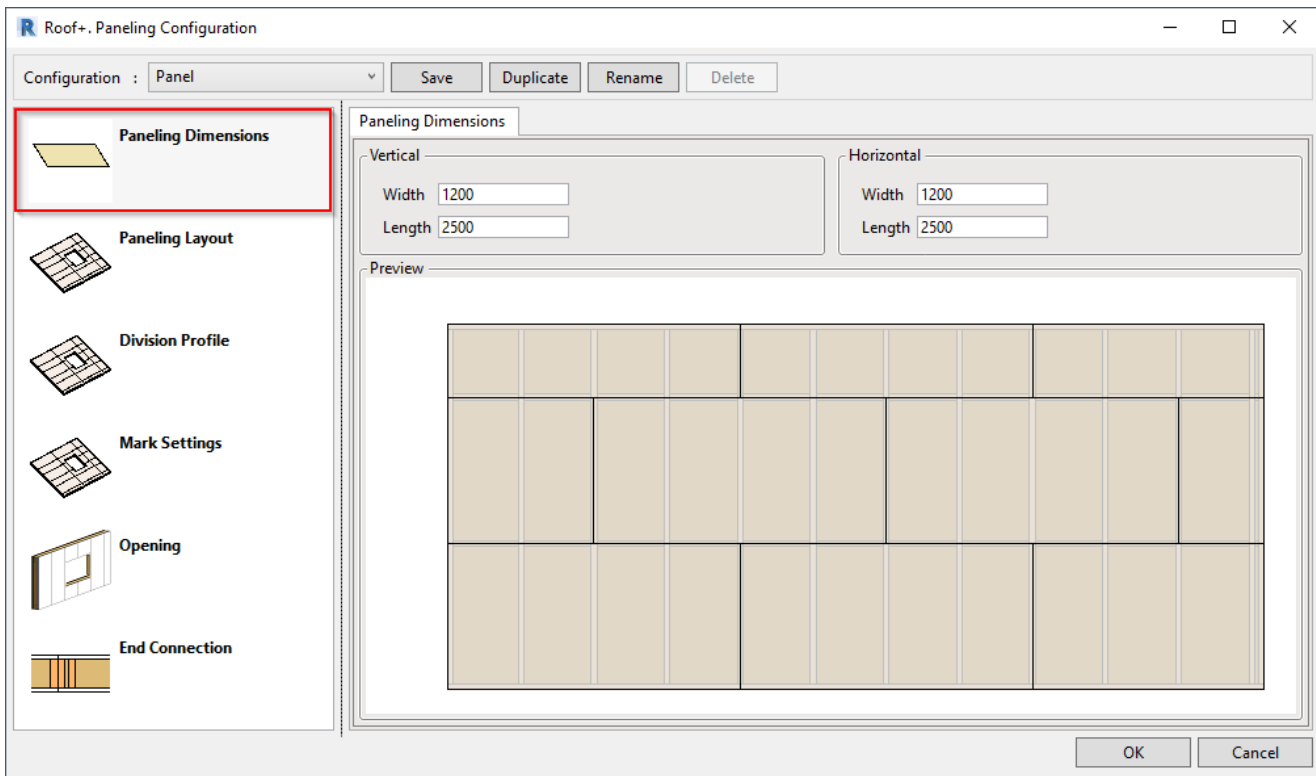
Insulation or panels are created using Revit Parts. In order to see the panels or insulation, you have to select Show Parts or Show Both in View Properties → Parts Visibility.



These settings can be saved and linked with roof layer using Link Roof.

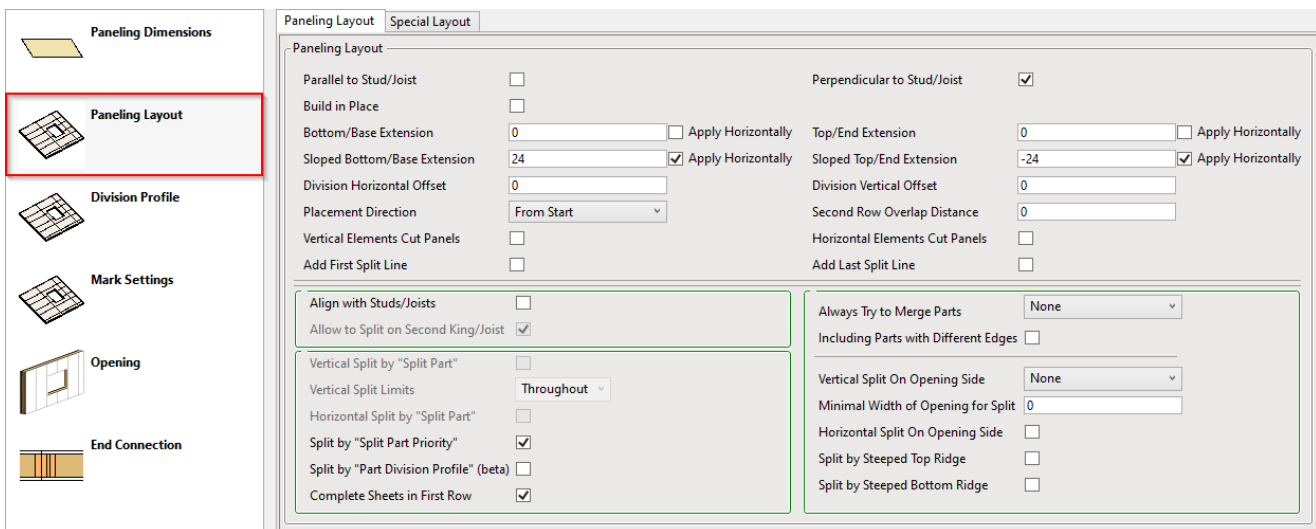


Paneling Dimensions



Paneling Dimensions – predefine vertical and horizontal paneling sizes (Width and Length).

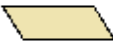
Paneling Layout





Paneling Layout – predefine settings for creating the paneling.


[Read more about every feature here >>](https://agacad.freshdesk.com/support/solutions/articles/44002140223-sheathing-and-paneling-layouts-%E2%80%93-paneling-configuration-%E2%80%93-paneling-layout) (<https://agacad.freshdesk.com/support/solutions/articles/44002140223-sheathing-and-paneling-layouts-%E2%80%93-paneling-configuration-%E2%80%93-paneling-layout>)


Special Layout


**Paneling Dimensions**

**Paneling Layout**

**Division Profile**

**Mark Settings**

**Opening**

**End Connection**

Paneling Layout **Special Layout**

Split Settings

Enable Special Layout ☒

Split Type

Split from start

'Following Split Function - 'Split by Parameter - by Priority ☐

Split by Openings

Window

Minimal Distance from Window

300

Minimum Window Width

0

Door

Minimal Distance from Door

100

Minimum Door Width

0

Generic Openings

Minimal Distance from Generic Opening

100

Minimum Generic Opening Width

0

System Openings

Minimal Distance from System Opening

200

Minimum System Opening Width

0

☒ Fit opening in complete split segment

Split Spacing

Spacing

3000

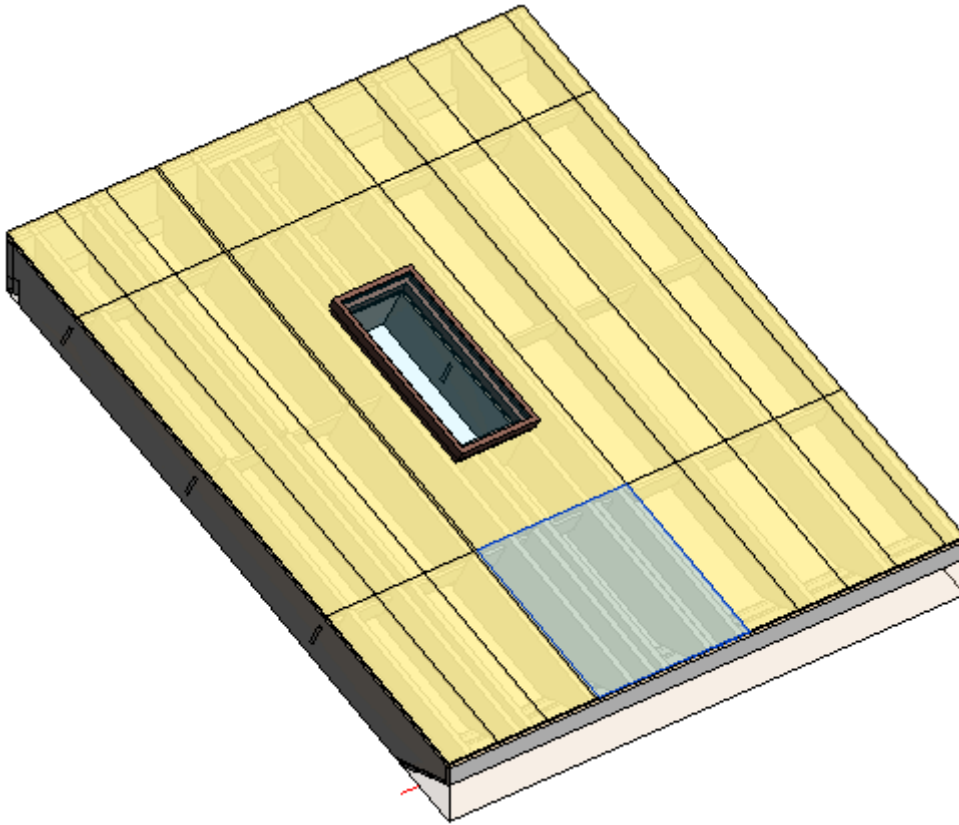
Maximum Spacing

0


Minimum Length of Split Wall


0


Special Layout – place for applying special layout that can't be defined with regular **Paneling Dimensions**. To enable all possible options switch on **Enable Special Layout**.





Division Profile


Paneling Dimensions

Paneling Layout

Division Profile

Mark Settings

Opening

End Connection

Paneling Layout

Vertical Gap0.3

Vertical Division Profile-- None --

Vertical Profile Edge Mirrored☐

Vertical Profile Along Flip☐

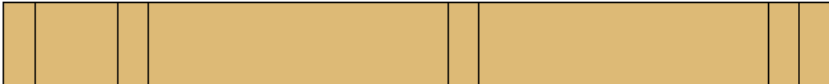
Horizontal Gap0.4

Horizontal Division Profile-- None --

Horizontal Profile Edge Mirrored☐

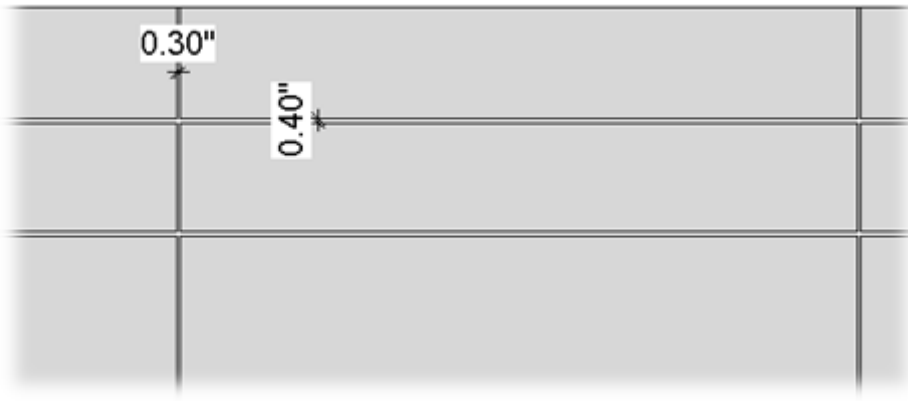
Horizontal Profile Along Flip☐

Preview



Horizontal/Vertical Gap – specifies the distance between divided horizontal and vertical parts. The default value is 0, which results in no gap.

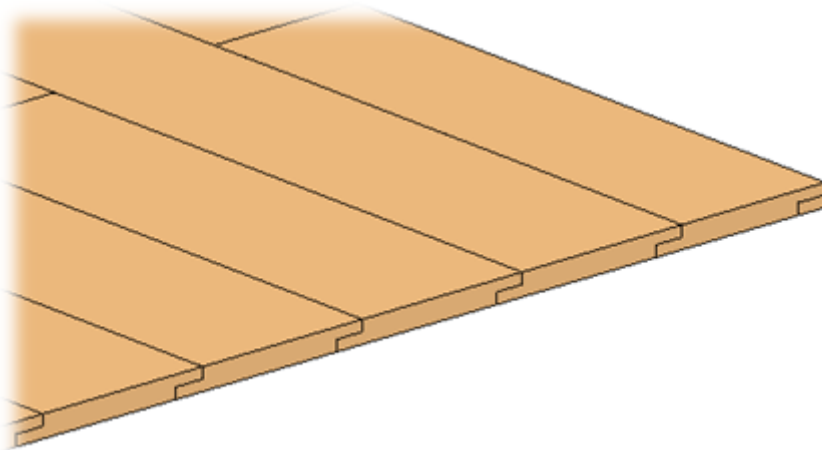
Note that if **Always Try to Merge Parts** is ticked ON, Gap will not be applicable.



Paneling Layout

Vertical Gap	0.3
Vertical Division Profile	-- None --
Vertical Profile Edge Mirrored	<input type="checkbox"/>
Vertical Profile Along Flip	<input type="checkbox"/>
Horizontal Gap	0.4
Horizontal Division Profile	M_Notch: Notch
Horizontal Profile Edge Mirrored	<input type="checkbox"/>
Horizontal Profile Along Flip	<input type="checkbox"/>

Horizontal/Vertical Division Profile – apply the pre-loaded profile you select from the drop-down list to part edges along dividers. The default value is None.



Paneling Layout

Vertical Gap

Vertical Division Profile

Vertical Profile Edge Mirrored ☐

Vertical Profile Along Flip ☐

Horizontal Gap

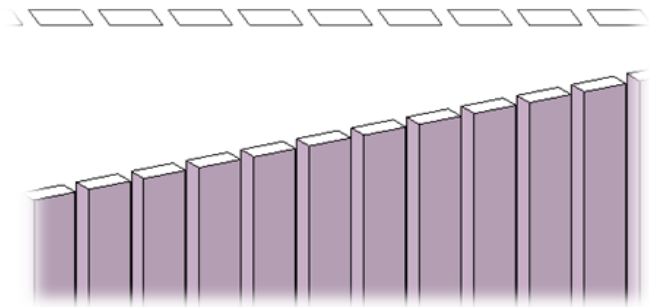
Horizontal Division Profile

Horizontal Profile Edge Mirrored ☐

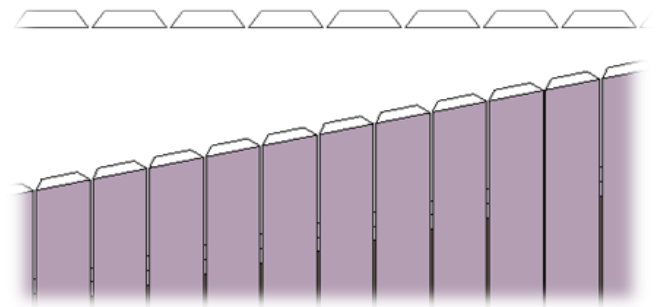
Horizontal Profile Along Flip ☐

Horizontal/Vertical Profile Edge Mirrored – specify how the profiles on the other side of a divider gap will be oriented.

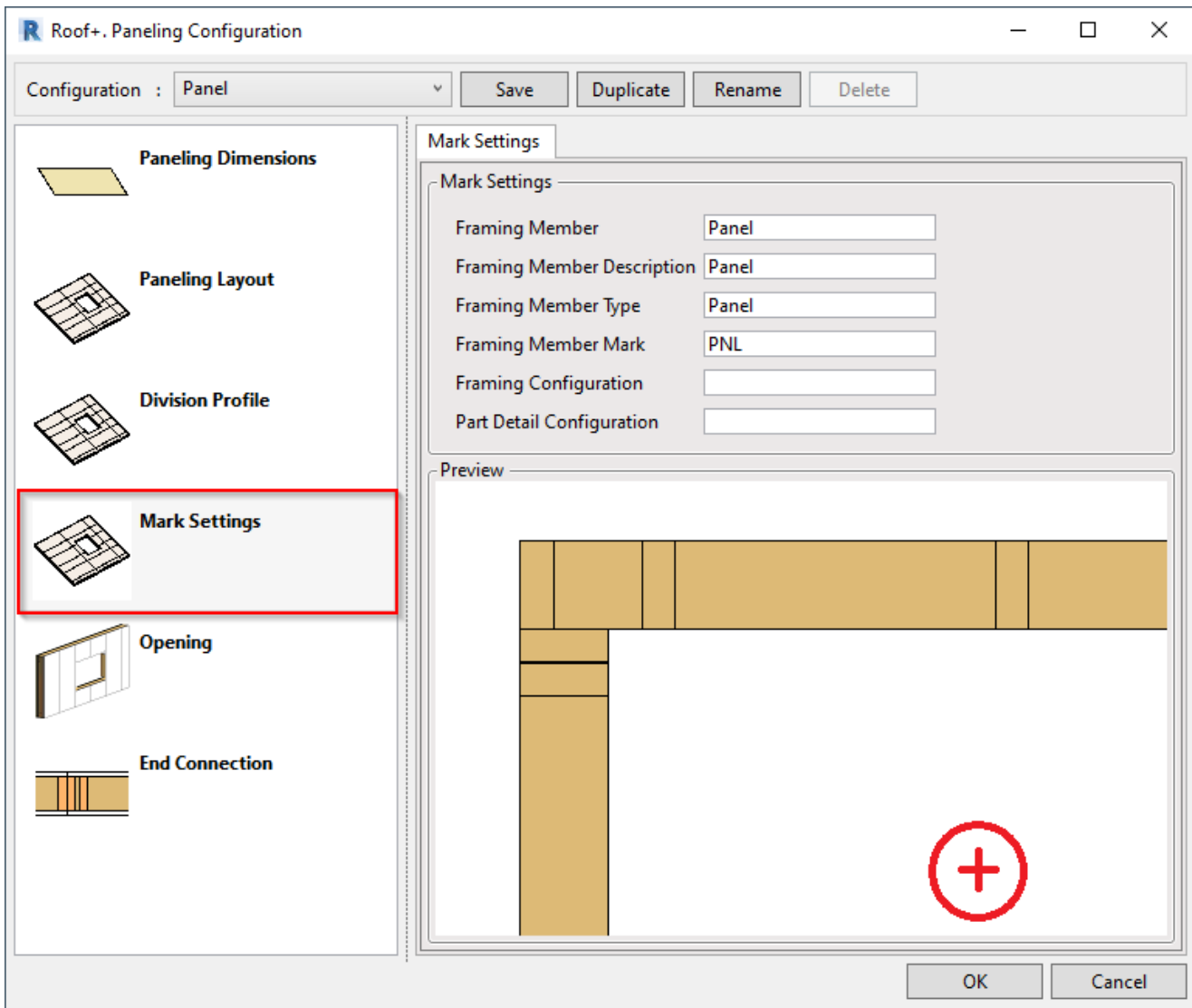
unticked



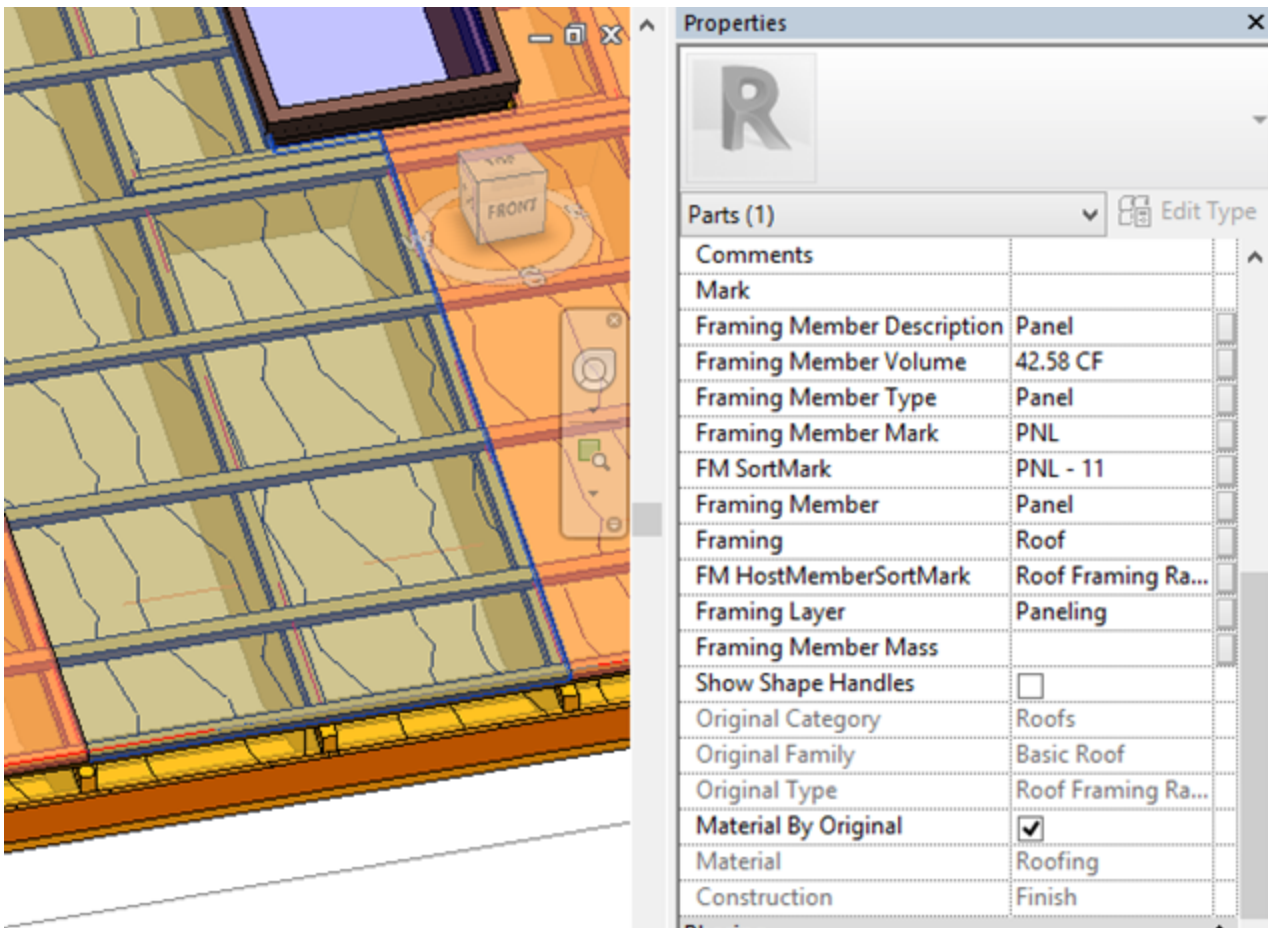
ticked



Mark Settings



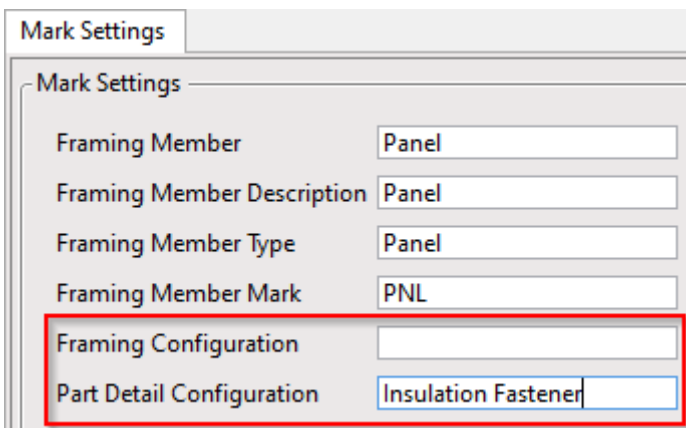
Mark Settings – predefine default values for these parameters. The parameters can be later used in schedules and tags.

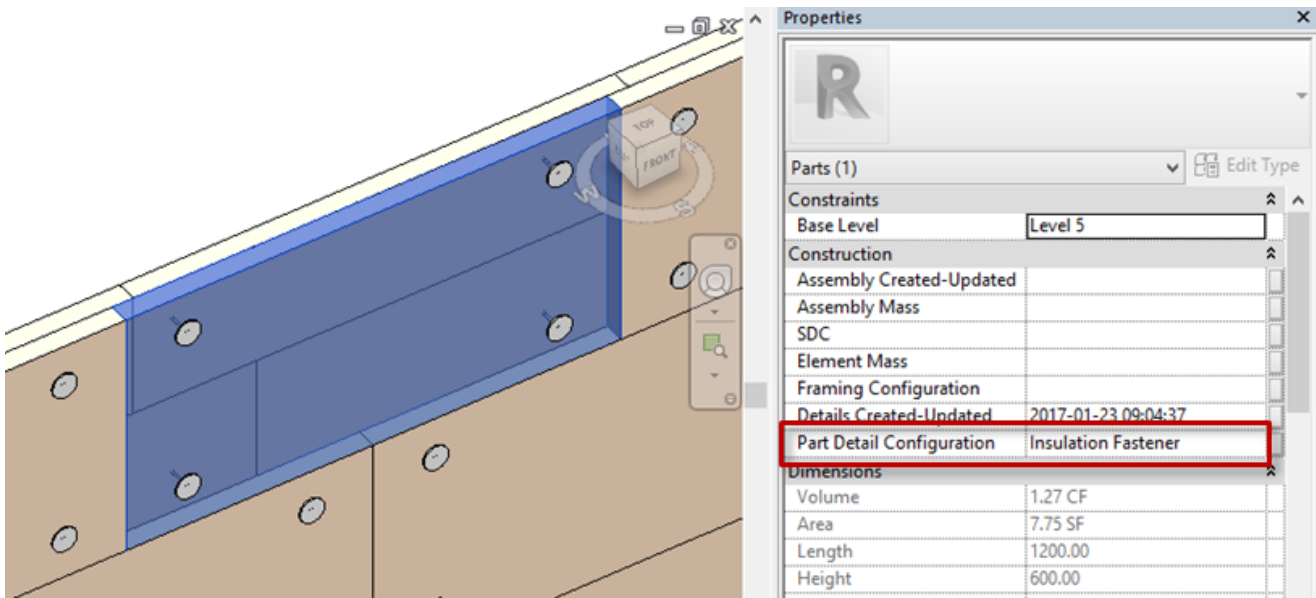


Part Detail Configuration and **Framing Configuration** – you can predefine default configurations to be added to every part.

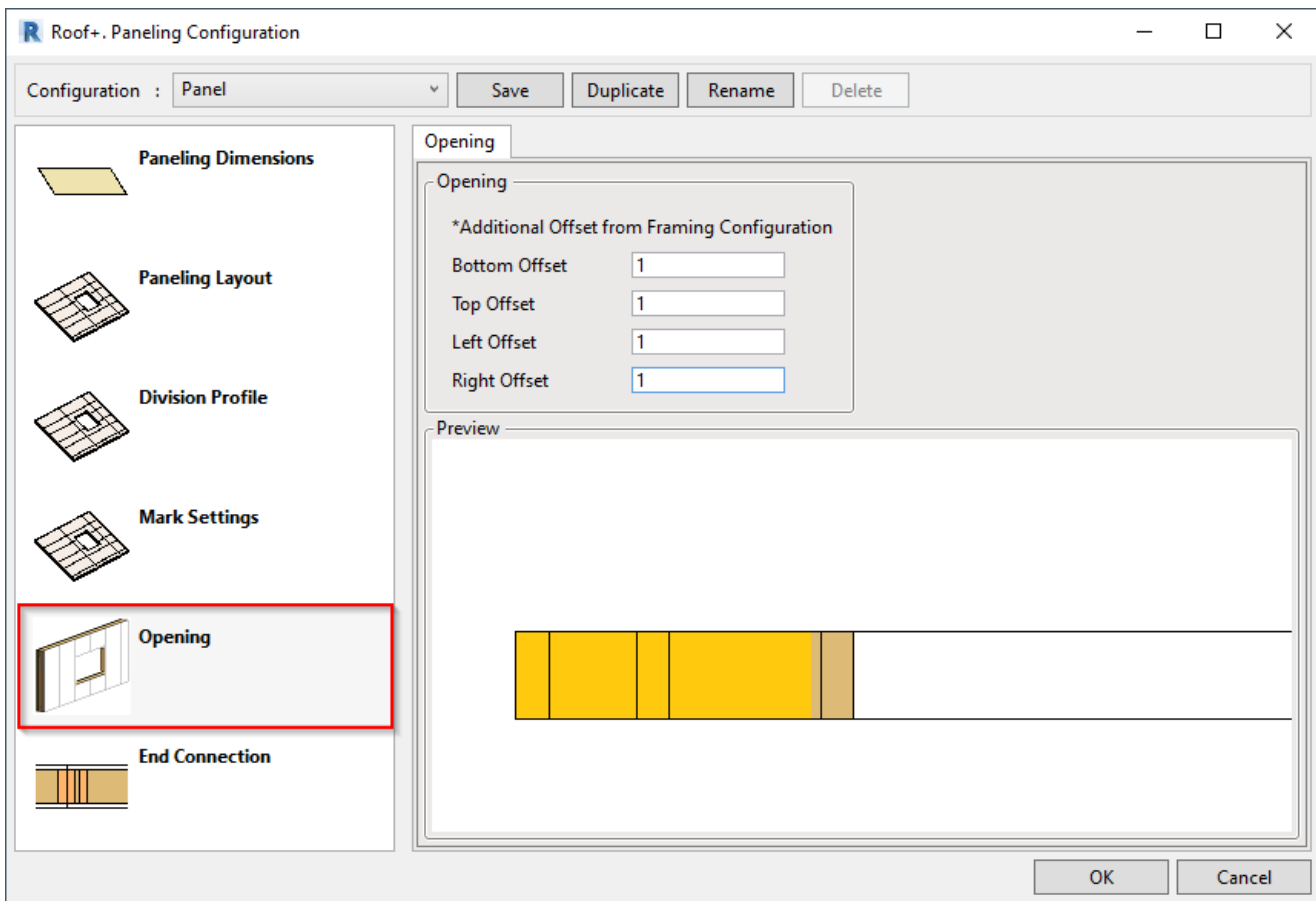
Detail configuration comes from **Smart Details** (<http://www.aga-cad.com/products/bim-solutions/smart-details>). **Smart Details** can instantly add any number of face-specific intelligent details – which adapt to host-element changes – throughout BIM models.

Example: Insulation fasteners are automatically added to every insulation:

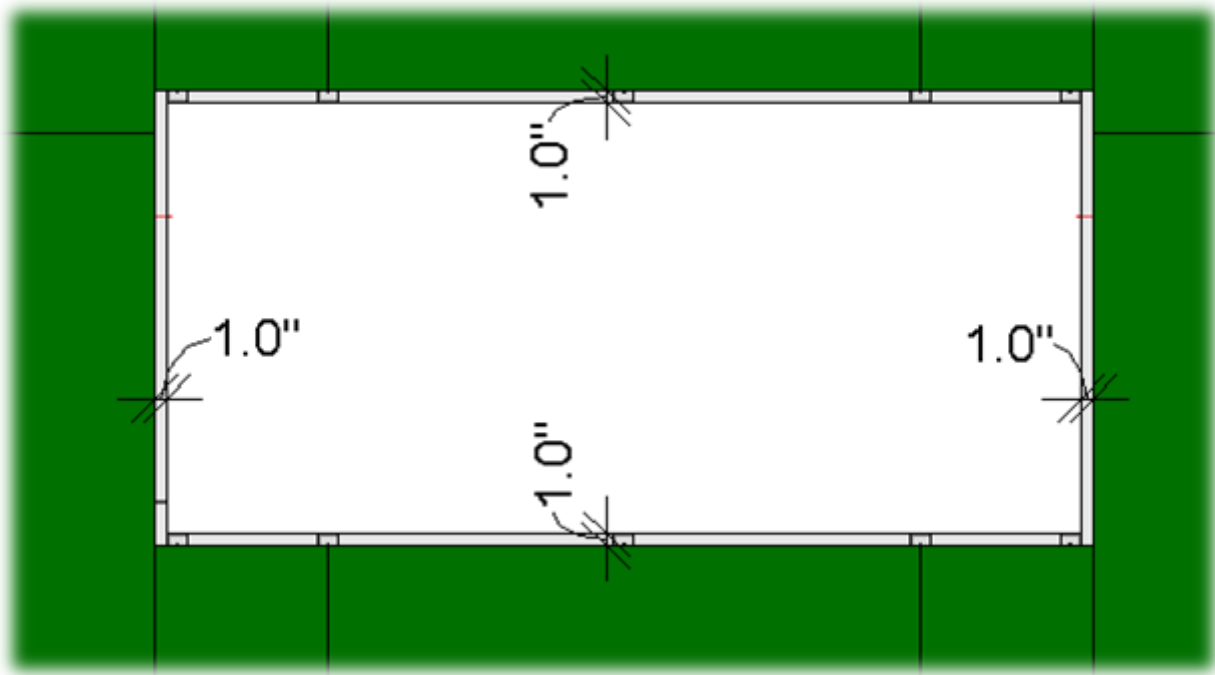




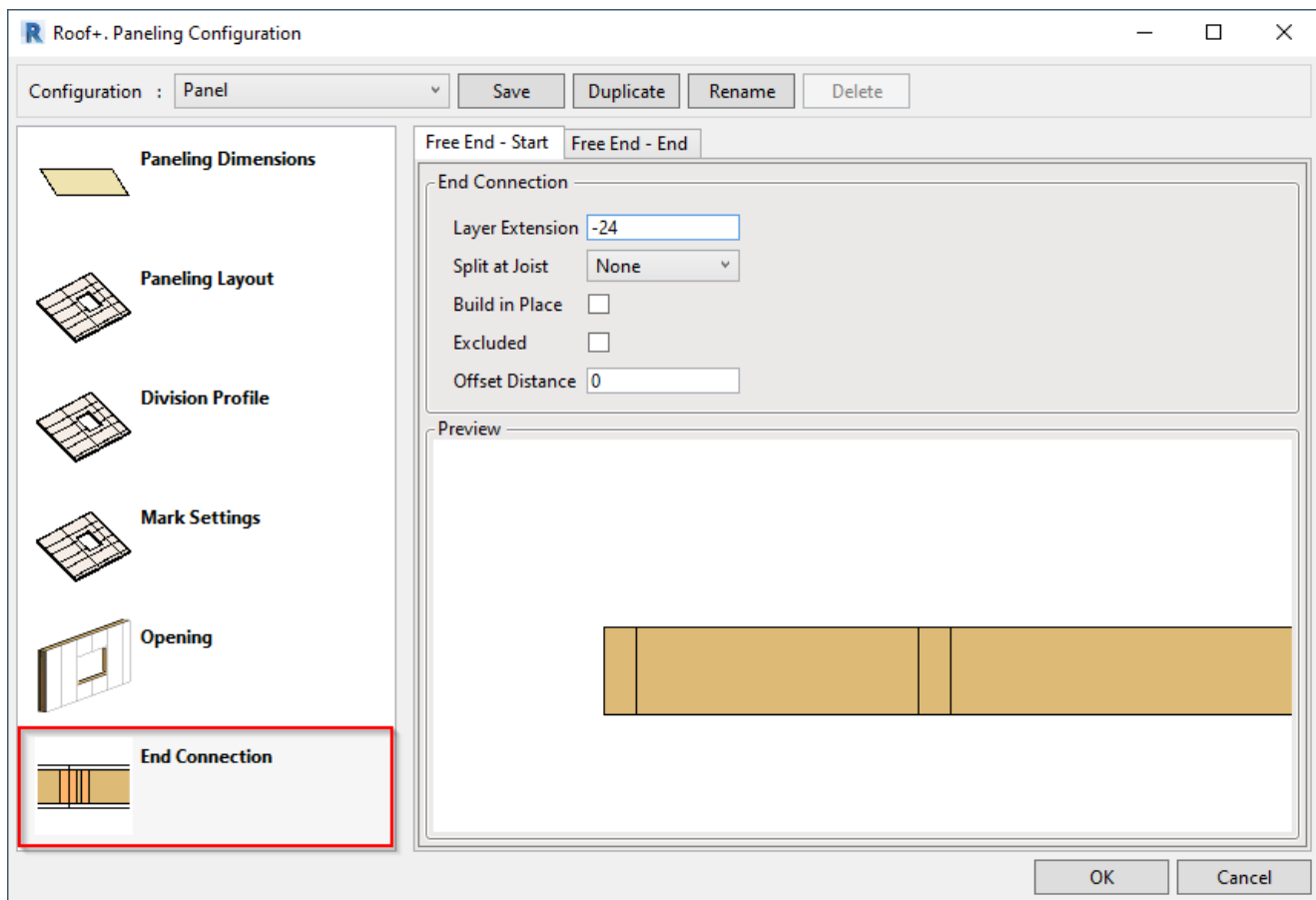
Opening



Opening – predefine top, bottom, left, and right paneling offsets from the opening.



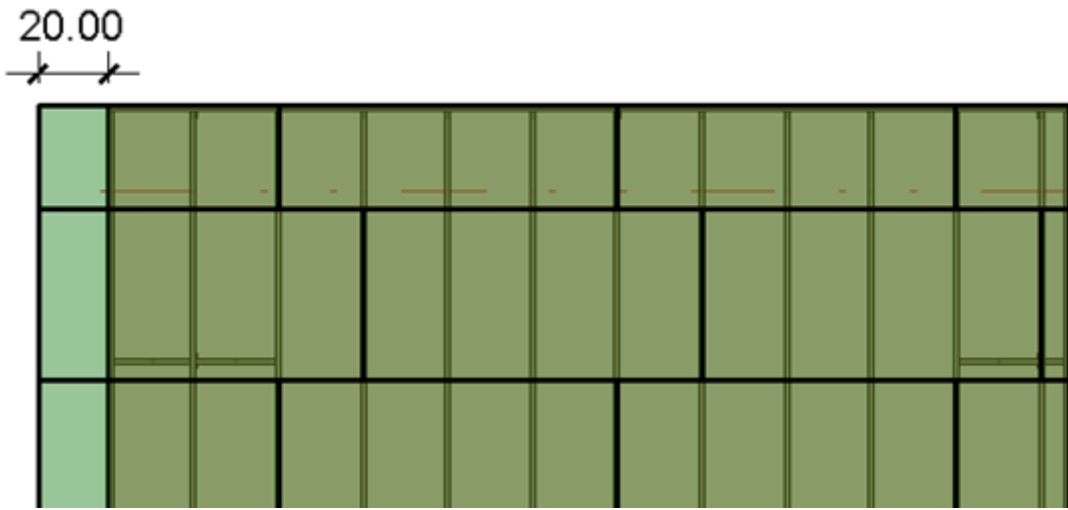
End Connection



End Connection – predefine paneling settings for roof end connections.

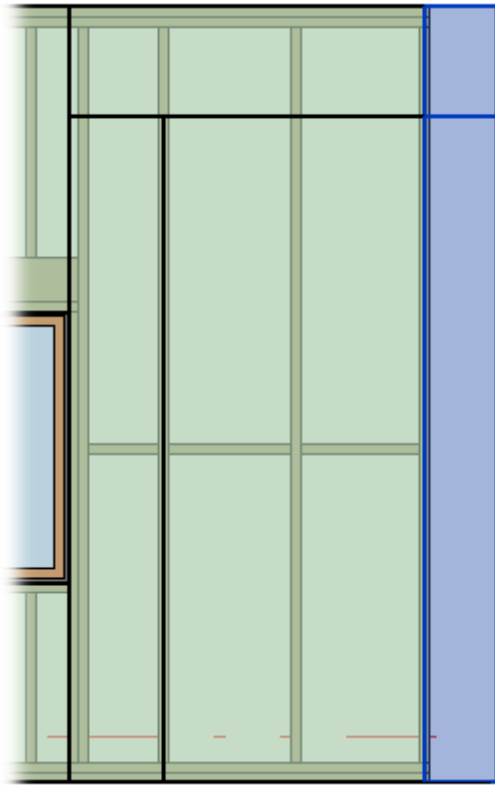
Layer Extension – distance from a roof face.

*Example: For the free end connection **Layer Extension** = 20:*

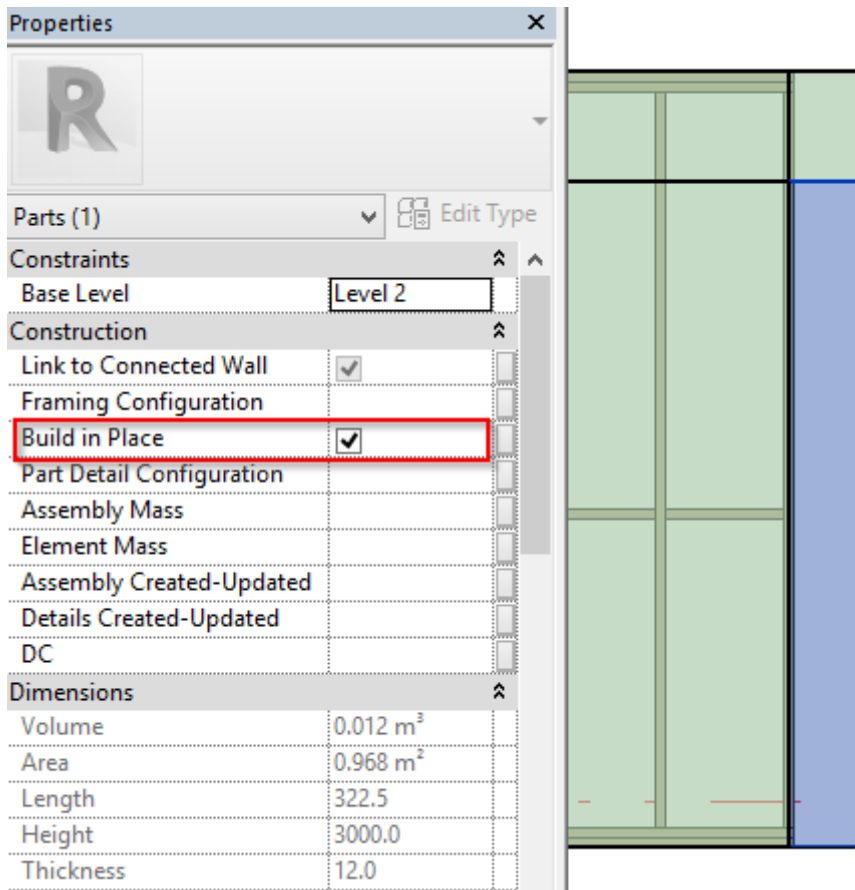


Split at Joist – define the joist number where the panel must be split.

*Example: **Split at Joist** = 1:*



Build in Place – writes Yes/No information into the panel instance parameter if it is build-in-place or is prefabricated with whole roof frame. Later this parameter can be used in schedules or view filters.



Excluded – removes the panel (part) from the model. Excluded panels are only visible when under the cursor and will not be included in schedules.

