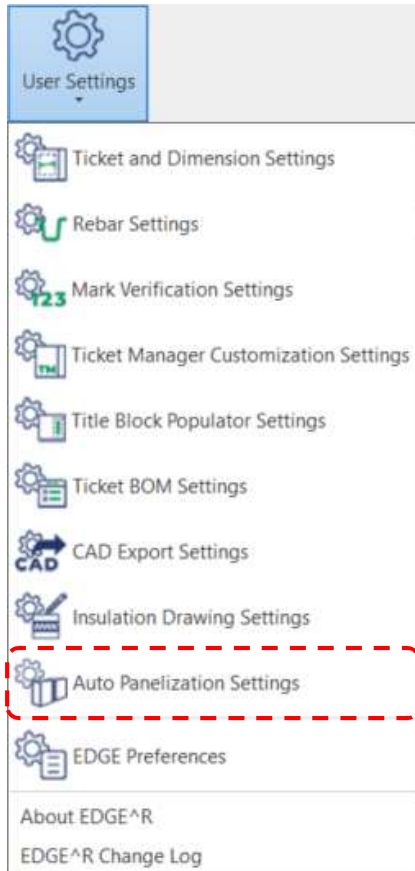


# User Settings Tools: Auto Panelization Settings



## Programmed Result of Tool:

**Auto Panelization Settings** window allows you to define Auto Panelization parameter bindings.

Because different wall panel families may use different parameter names, the tool updates several parameters during panel creation. Auto Panelization Settings let you define how those parameters should be mapped based on each family's **CONSTRUCTION\_PRODUCT** value. This ensures the tool works correctly with both EDGE-provided families and any custom wall panel families you create.

## Steps to Perform tool Operation:

- 1) **EDGE^R tab> Auto Panelization Settings**
- 2) Add, edit, or delete Construction Products from settings
- 3) Edit Parameters Bindings for each Construction Product
- 4) Save Changes
- 5) Close Tool.

# User Settings Tools: Auto Panelization Settings

Auto Panelization Settings

Set Auto Panelization Parameter Bindings

Construction Product	Wall Height	Nominal Width	Thickness	Joint Size	Apply Left Joint	Apply Right Joint	Grout Size	Include Grout
LITEWALL HORIZONTAL <b>A</b>	DIM_WIDTH	DIM_LENGTH	DIM_THICKNESS				Base_Joint_Grout_Thickness	Grout_Inclu
LITEWALL VERTICAL	DIM_LENGTH	DIM_WIDTH	DIM_THICKNESS				Base_Joint_Grout_Thickness	Grout_Inclu
SHEARWALL HORIZONTAL	DIM_WIDTH	DIM_LENGTH	DIM_THICKNESS				Base_Grout_Joint_Thickness	Grout_Inclu
SHEARWALL VERTICAL	DIM_LENGTH	DIM_WIDTH	DIM_THICKNESS				Base_Grout_Joint_Thickness	Grout_Inclu
WALL COLUMN	Wall_Panel_Length	DIM_WIDTH	DIM_THICKNESS				Base_Grout_Joint_Thickness	Grout_Inclu
WALL PANEL HORIZONTAL	DIM_WIDTH	Nominal_Panel_Length	DIM_THICKNESS	Joint	Left_Jt_Included	Right_Jt_Included	Base_Grout_Joint_Thickness	Grout_Inclu
WALL PANEL VERTICAL	DIM_LENGTH	Nominal_Panel_Width	DIM_THICKNESS	Joint	Left_Jt_Included	Right_Jt_Included	Base_Grout_Joint_Thickness	Grout_Inclu
WALL PANEL INSULATED HORIZONTAL	DIM_WIDTH	DIM_LENGTH	DIM_THICKNESS				Base_Grout_Joint_Thickness	Grout_Inclu
WALL PANEL INSULATED	DIM_LENGTH	Nominal_Panel_Width	DIM_THICKNESS	Joint	Left_Jt_Included	Right_Jt_Included	Base_Grout_Joint_Thickness	Grout_Inclu
WALL PANEL INSULATED NON-THERMAL HORIZONTAL	DIM_WIDTH	Nominal_Panel_Length	DIM_THICKNESS	Joint	Left_Jt_Included	Right_Jt_Included	Base_Grout_Joint_Thickness	Grout_Inclu
WALL PANEL INSULATED NON-THERMAL	DIM_LENGTH	Nominal_Panel_Width	DIM_THICKNESS	Joint	Left_Jt_Included	Right_Jt_Included	Base_Grout_Joint_Thickness	Grout_Inclu
VERSACORE WALL	DIM_LENGTH	Nominal_Panel_Width	DIM_THICKNESS	Joint	Left_Jt_Included	Right_Jt_Included	Base_Grout_Joint_Thickness	Grout_Inclu
INSULATED VERSACORE WALL	DIM_LENGTH	Nominal_Panel_Width	DIM_THICKNESS	Joint	Left_Jt_Included	Right_Jt_Included	Base_Grout_Joint_Thickness	Grout_Inclu
Construction Product	DIM_LENGTH	DIM_WIDTH	DIM_THICKNESS					

**B** Add    **C** Copy    **D** Delete    **E** Restore Defaults    **F** Save    **G** Close

## Auto Panelization Window:

- A. Parameter Binding Data Grid
  - Lists the parameter bindings used for each construction product.
  - You can edit both the construction product name and the parameter names directly in the table. These must match the values used in your wall panel families exactly.
  - Construction product names cannot be duplicated or left blank.
- B. Add Button
  - Adds a construction product to the bottom of the data grid with default values for construction product, wall height, nominal width, and thickness.
  - As shown in the last row in the image above.
- C. Copy Button
  - Creates a copy of the selected construction product and parameter bindings in the data grid.
  - Since construction product names cannot be duplicated, you must change the name of the construction product of copy before saving.
- D. Delete Button
  - Removes selected construction product and parameter bindings from the data grid.
- E. Restore Defaults Button
  - Discards current settings and replaces them with the default settings for the EDGE<sup>AR</sup> wall panel. These families and their default values can be found in the EDGE<sup>AR</sup> Browser by navigating to **EDGE<sup>AR</sup> Browser>Training>Manuals>Families**

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## F. Save Button

- Save changes made to the Auto Panelization Settings file.
- Your settings file will now be saved in the specified file path, defined in your **EDGE^R Preferences>Folder Path Settings>Auto Panelization Settings Folder Path.**

## G. Close Button

- Close the window.

### **Parameter Bindings:**

Panelization Settings parameter bindings allow the user to enter the parameter names that control certain characteristics of the wall panels. Not all parameter bindings will be applicable to all wall panel families, and it is expected that some parameters bindings will not be set for all construction products. It is important to note that the orientation description of these parameters' bindings is based upon looking at it the family from a front view in the family editor. For example, "left" would be the left side of the wall when looking at a front view in the family editor.

Another example: Height is the *vertical length* of the wall panel when viewing from a front view in the family editor.

### **Parameter Descriptions:**

- **Wall Height** – length parameter that defines the height of the wall panel family. *(Does not include grout thickness)*
- **Nominal Width** – length parameter that defines the width of the wall panel family. *(Does not include joint value)*
- **Thickness** – length parameter that defines the total thickness of the wall panel family.
- **Joint Size** – length parameter that defines the size of the joint between two walls. Half of the parameter value is applied to each side of the wall panel family.
- **Apply Left Joint** – yes/no parameter that defines if wall panel geometry on the left side of the wall panel is adjusted for a joint.
- **Apply Right Joint** – yes/no parameter that defines if wall panel geometry on the right side of the wall panel is adjusted for a joint.
- **Grout Size** – length parameter that defines the vertical length of the grout added to the bottom of the wall panel family.
- **Include Grout** – yes/no parameters that defines the grout subcomponent's visibility and presence of geometry for that instance of the wall panel family.
- **Inner Thickness** – length parameter that defines the thickness of the structural portion of an insulated wall panel family.
- **Insulation Thickness** – length parameter that defines the thickness of the insulation in the wall panel family.
- **Outer Thickness** – length parameter that defines the thickness of the architectural portion of an insulated wall panel family.

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- **Top Solid Zone** – length parameter that defines the solid zone or offset between insulation and the top of the wall panel in insulated wall panel families.
- **Bottom Solid Zone** – length parameter that defines the solid zone or offset between insulation and the bottom of the wall panel in insulated wall panel families.
- **Right Solid Zone** – length parameter that defines the solid zone or offset between insulation and the right of the wall panel in insulated wall panel families.
- **Left Solid Zone** – length parameter that defines the solid zone or offset between insulation and the left of the wall panel in insulated wall panel families.