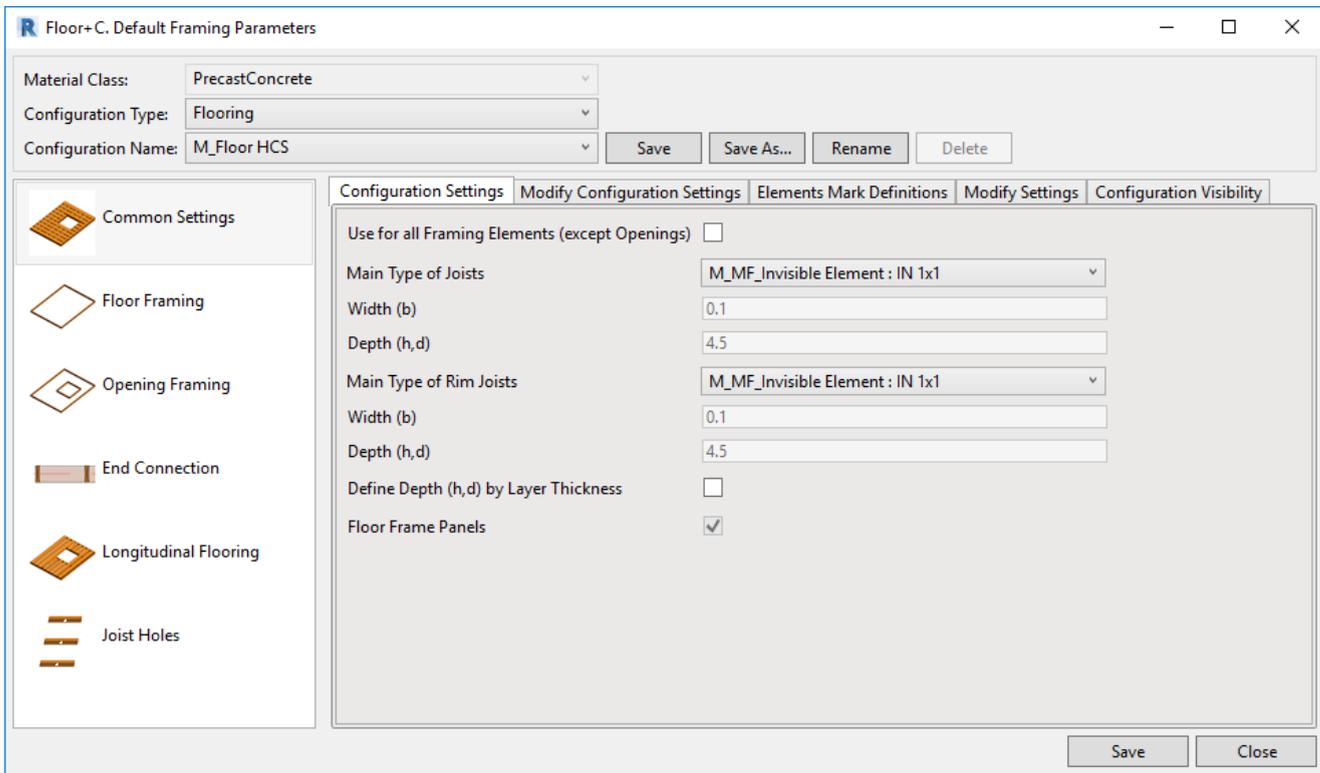


Configuration Window - Overview

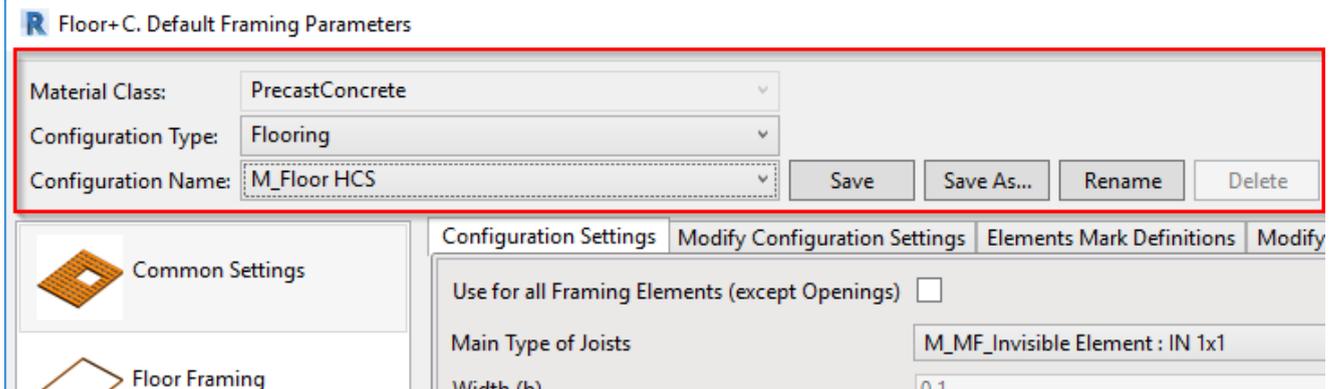
Modified on: Tue, 30 Jun, 2020 at 12:18 PM



Floor+C tool was created based on Floor+M tool (for light gauge steel) platform, so it is usually not necessary to adjust some of the settings for precast concrete slabs.

In this file only the most important settings pertinent to precast will be reviewed.

Configuration Name - Save, duplicate, rename, delete your configurations here.



Software comes with a few default configurations. You can save them with different names and use your own settings.

Common Settings - some general settings.

Configuration Settings - leave it as it is.

Modify Configuration Settings - settings for selected configuration.

Choose Z justification option. Top is recommended - it will be at the top of location line.

Minimum System Opening Width\Height

Enable Partial Opening Analysis

Z Justification

Minimal Top Tile Joist "Cut Length"

Minimal Bottom Tile Joist "Cut Length"

Elements Mark Definitions - software will create Shared Parameters for Structural Framing elements - Framing Member, Framing Member Description etc. You can select value of these parameters for different framing elements. For Precast mostly used are Longitudinal Flooring and End Connection elements.

Element	Framing Member	Framing Member Description	Framing Member Type	Framing Member Mark	Framing Layer	Framing
Bottom Pad	Rim 1 element	Rim 1 element	Element	RE	Flooring	Floor
Rim Joist 1	Rim 1 element	Rim 1 element	Element	RE	Flooring	Floor
Top Cover	Rim 2 element	Rim 2 element	Element	RE	Flooring	Floor
Rim Joist 2	Rim 2 element	Rim 2 element	Element	RE	Flooring	Floor
End Connection	Edge element	Edge element	Element	EE	Flooring	Floor
Common Joist	Filigran lattice	Filigran lattice	Element	FC	Flooring	Floor
Trimming Joist	Trimming element	Trimming element	Element	TE	Flooring	Floor
Trimmer	Trimmer element	Trimmer element	Element	TE	Flooring	Floor
Top Cripple Trimmer	Tail Trimmer element	Tail Trimmer element	Element	TTE	Flooring	Floor
Bottom Cripple Trimmer	Tail Trimmer element	Tail Trimmer element	Element	TTE	Flooring	Floor
Top Cripple	Tail element	Tail element	Element	TE	Flooring	Floor
Bottom Cripple	Tail element	Tail element	Element	TE	Flooring	Floor
Header 1	Header 1 element	Header 1 element	Element	HE	Flooring	Floor
Header 2	Header 2 element	Header 2 element	Element	HE	Flooring	Floor
Edge Joist	Edge element	Edge element	Element	EE	Flooring	Floor
Assembly	Assembly	Assembly	Assembly	AS	Flooring	Floor
Joist Holes	Service Holes	Service Holes	Service Holes	SHO	Flooring	Floor
Longitudinal Flooring	Secondary element	Secondary element	Secondary element	SE	Flooring	Floor
Top Plate Support	Top Header	Top Header	Plate	THP	Flooring	Floor
Sub-assembly	Module	Module	Module	MD	Flooring	Floor

Modify Settings - settings for all configurations. Use F12 to expand settings.

If you want to rename default Families or Types, which were used in configurations, you have to turn on this one:

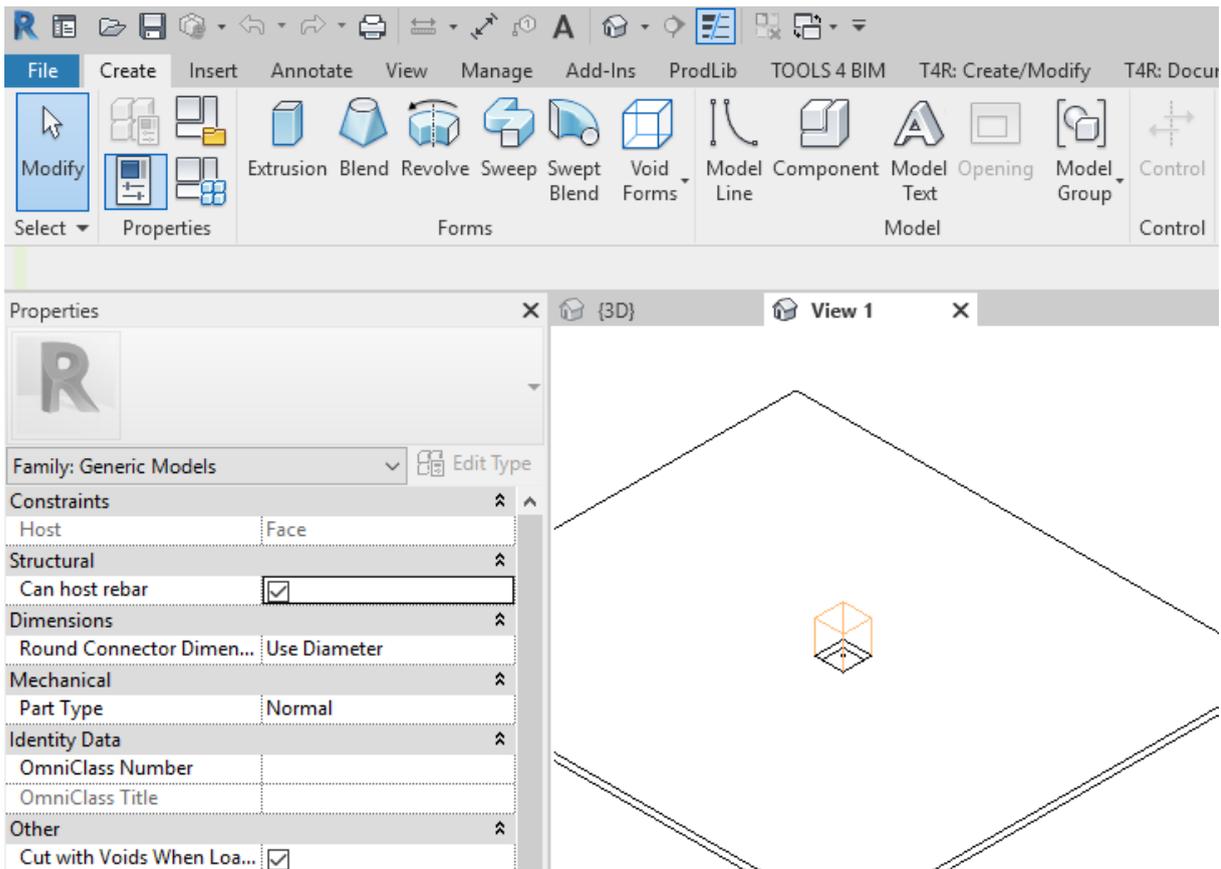
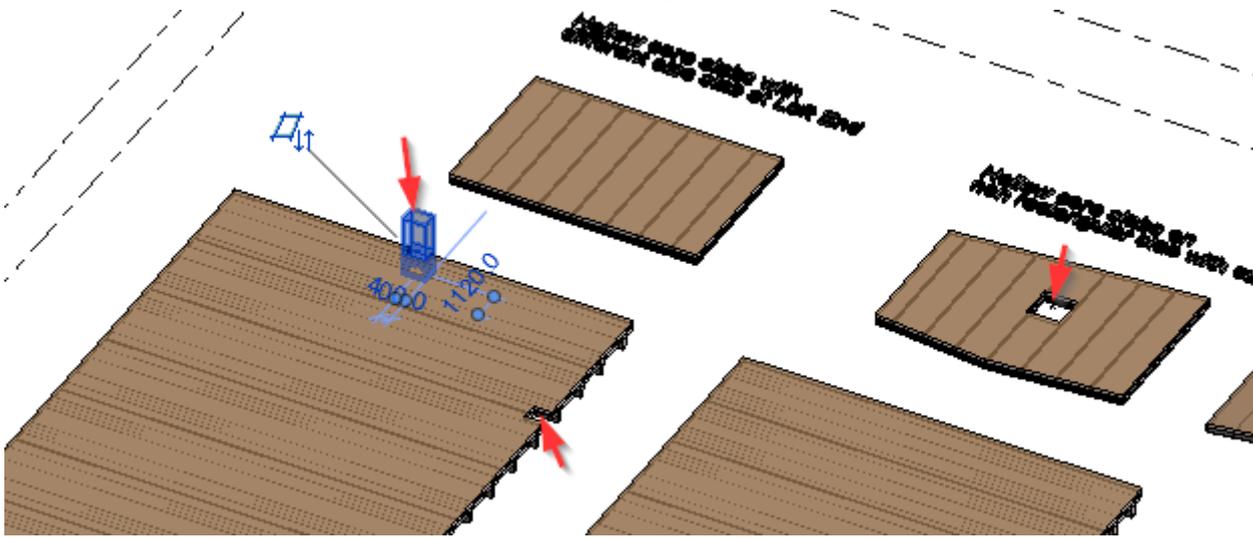
Allow to Rename Families and Types now

Turn on this if you want to cut Structural Framing families with Void families placed on reference floor. Find such Void family in Sample project. It should have two Voids - one to cut reference floor, other at the same place will be used to cut Structural Framing elements

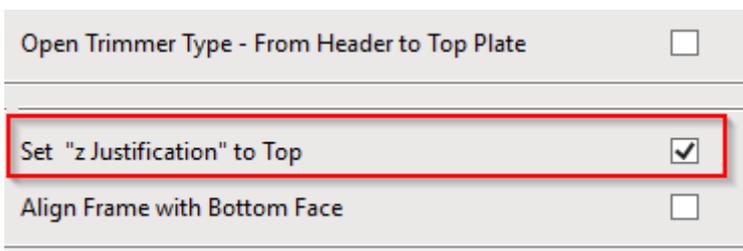
Part Assembly Parameter

Cut Bridging/Nogging with Opening Additional Void

Open Trimmer Type - From Header to Top Plate



Important! Turn this option ON - location line will be at the top of the Floor layer.



Configuration Visibility - nothing to change here.

Floor Framing.

Common Joist, Rim Joists - not used for Precast.

Offsets - offsets from boundaries of the Floor.

Opening Framing - settings for Structural Framing elements around openings. Not used with precast.

End Connection - settings of Structural Framing elements which should be used at the ends of the slab.

Longitudinal Flooring - settings for precast slabs layout.

Joist Holes - void family could be inserted along the layout of Structural Framing elements to cut them.

