

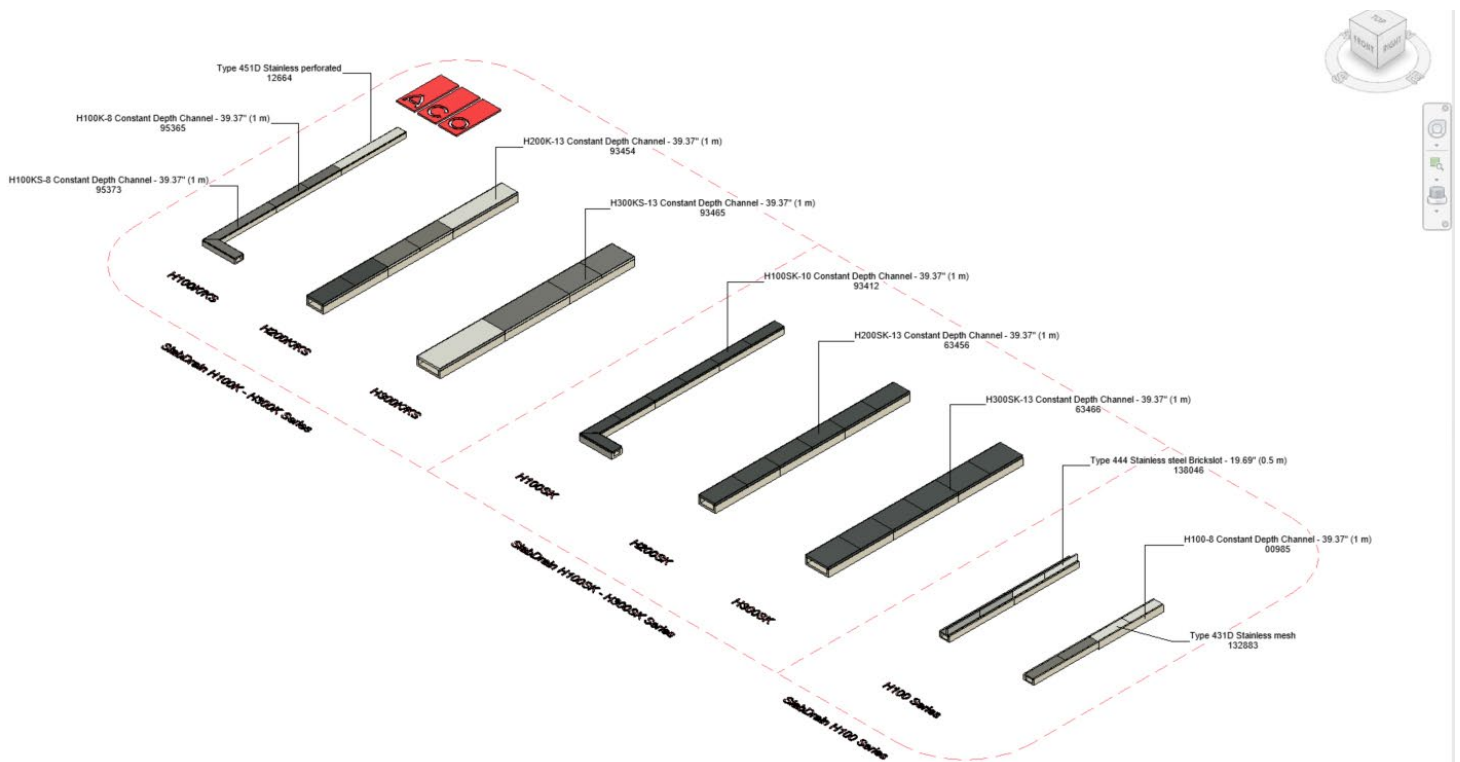
ACO SlabDrain HK, HSK and H100 Series USA

User Guide for Autodesk Revit files

ACO SlabDrain HK, HSK & H100 Series Packages

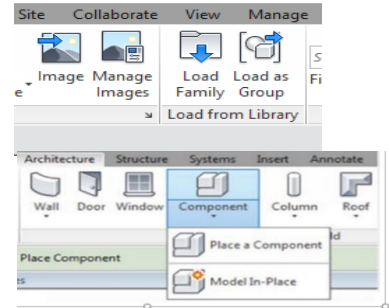
This project includes the following Revit families along with accessories.

1. PF_ST_SlabDrain_H100K & H100KS_channels_USA_ACO.rfa
2. PF_ST_SlabDrain_H200K & H200KS_channels_USA_ACO.rfa
3. PF_ST_SlabDrain_H300K & H300KS_channels_USA_ACO.rfa
4. PF_ST_SlabDrain_H100SK & H100SK_channels_USA_ACO.rfa
5. PF_ST_SlabDrain_H200SK & H200SK_channels_USA_ACO.rfa
6. PF_ST_SlabDrain_H300SK & H300SK_channels_USA_ACO.rfa
7. PF_ST_SlabDrain_H100_channels_USA_ACO.rfa



Loading ACO SlabDrain HK, HSK, H100 Series into the project:

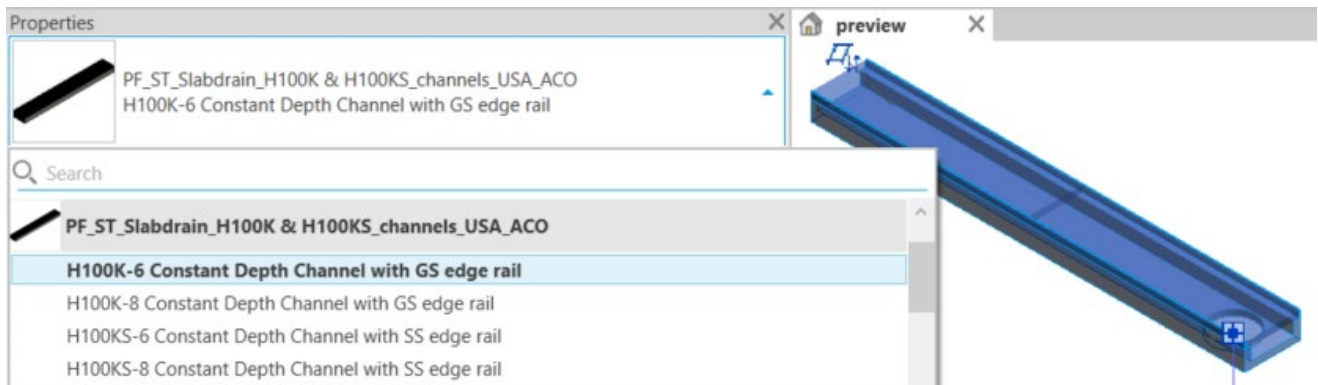
1. Download the **ACO_SlabDrain_HK, HSK, H100 series** project file and save it to a suitable location.
2. Select any one of the family and **Channels** from **ACO_SlabDrain_HK, HSK, H100 series** load to your project.
3. Navigate to the “Insert” icon on the Revit ribbon and click “Load Family”
4. The file can now be placed into your project. Navigate to the “Architecture/Component” icons on the Revit ribbon and click “Place a Component”



Placing of families

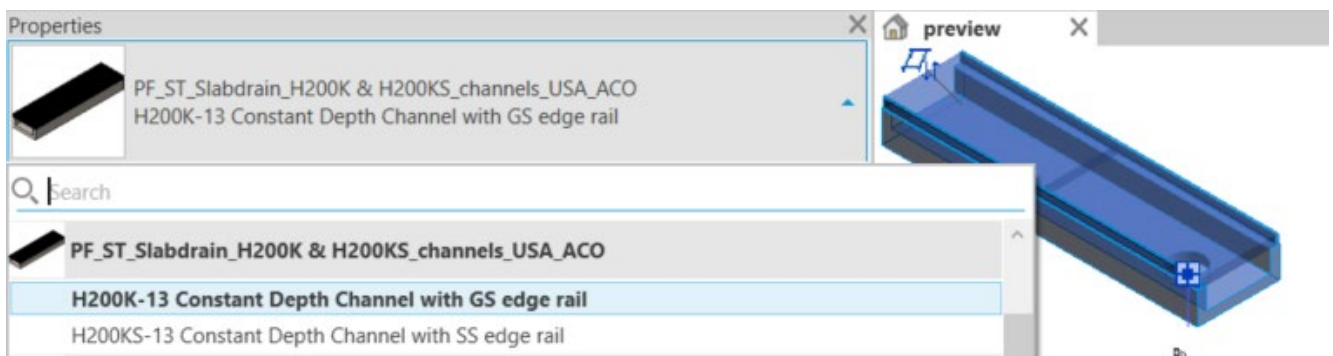
For H100K/KS Channels

1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H100K & H100KS_Channels_USA_ACO.rfa** family consists of different **Invert Depths** from **SlabDrain_H100K/KS -6 Invert Depth** to **SlabDrain_H100K/KS -8 Invert Depth**. Channels including **GS** and **SS** edge rail user must select the appropriate family type from the “Properties” drop down menu.



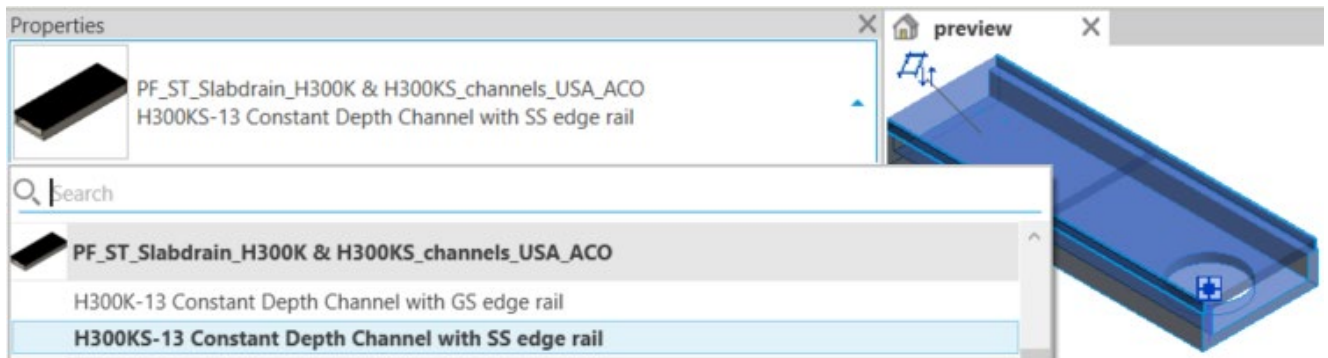
Similarly, For H200K/KS

1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H200K & H200KS_channels_USA_ACO.rfa** family consists of SlabDrain_H200K_Channels including GS and SS edge rail user must select the appropriate family type from the “Properties” drop down menu.

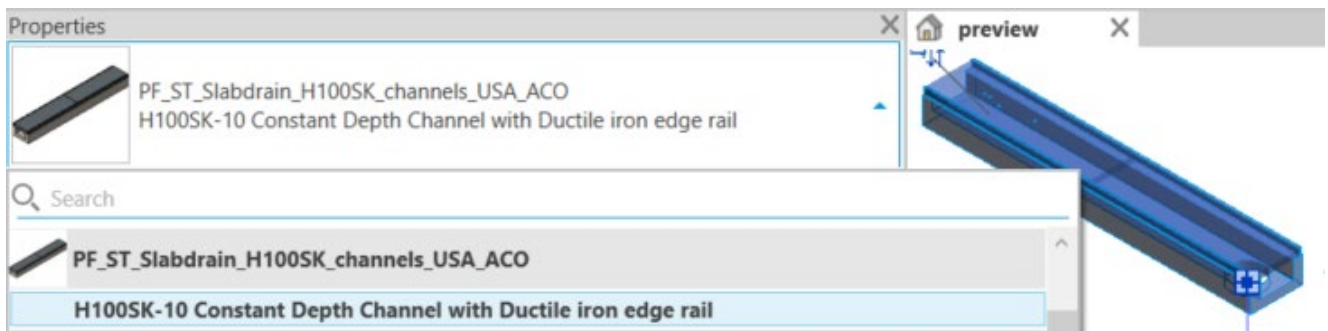


Similarly, For H300K/KS

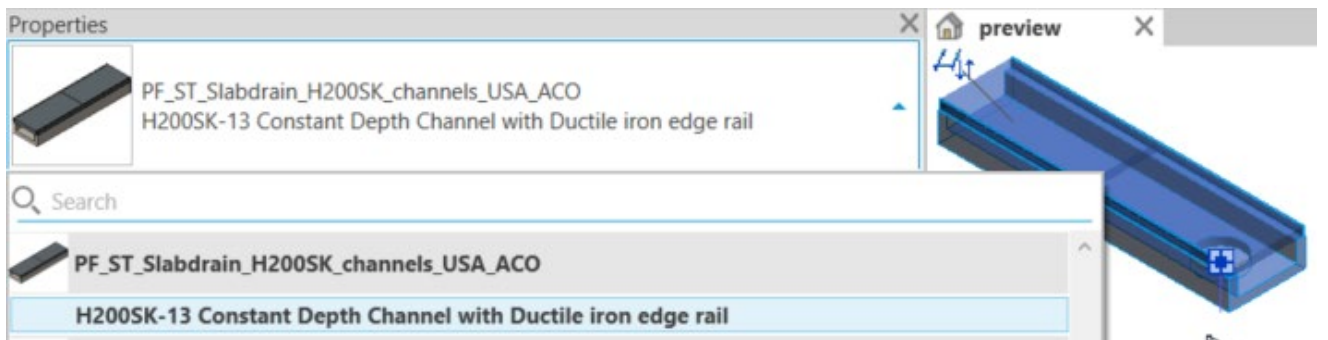
1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H300K & H300KS_channels_USA_ACO.rfa** family consists of SlabDrain_H300K_Channels including **GS and SS edge rail** user must select the appropriate family type from the “Properties” drop down menu.

**Similarly, For H100SK Channels**

1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H100SK_Channels_USA_ACO.rfa** family consists of SlabDrain_H100SK_Channel including **Ductile iron edge rail** user must select the appropriate family type from the “Properties” drop down menu.

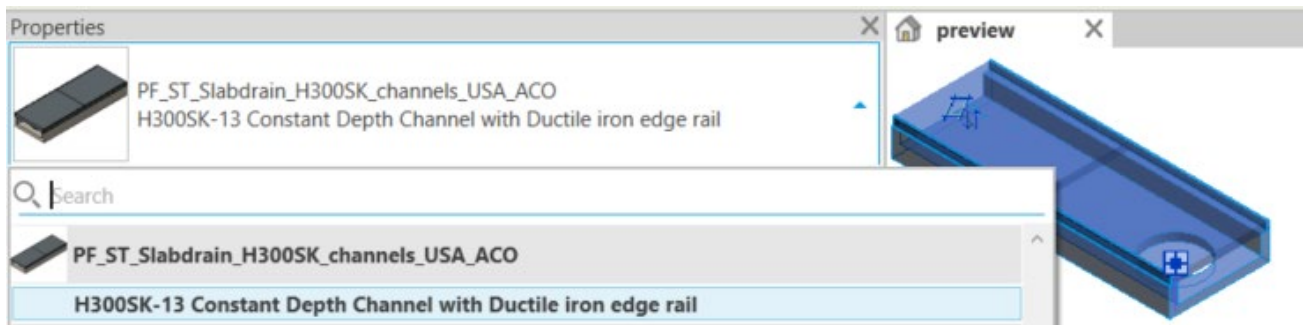
**Similarly, For H200SK Channels**

1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H200SK_channels_USA_ACO.rfa** family consists of SlabDrain_H200SK_Channels including **Ductile iron edge rail** user must select the appropriate family type from the “Properties” drop down menu.



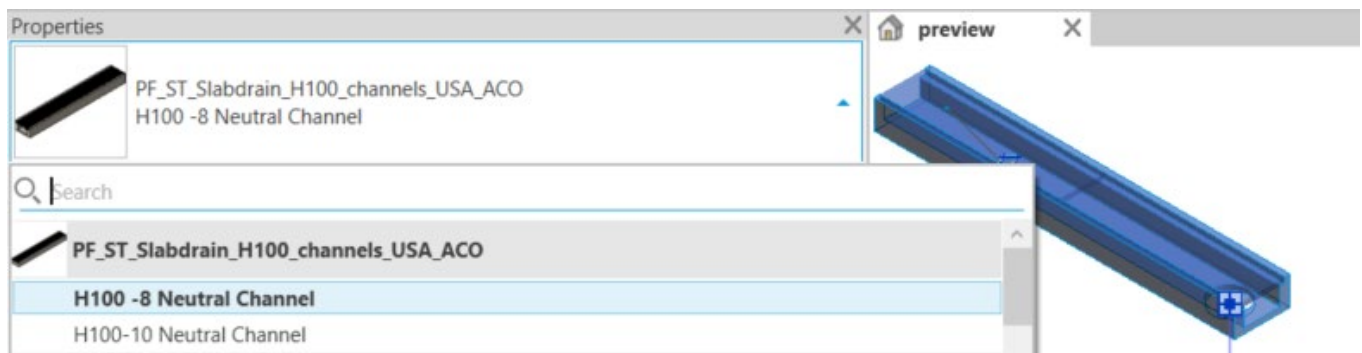
Similarly, For H300SK

1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H300SK_channels_USA_ACO.rfa** family consists of SlabDrain_H300SK_Channels including **Ductile iron edge rail** user must select the appropriate family type from the “Properties” drop down menu.



H100 series Channels

1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H100K_Channels_USA_ACO.rfa** family consists of different **Invert Depths** from SlabDrain_H100-8 Invert Depth to SlabDrain_H100-10 Invert Depth Channels comes with **Polymer Concrete Edge rail** user must select the appropriate family type from the “Properties” drop down menu.

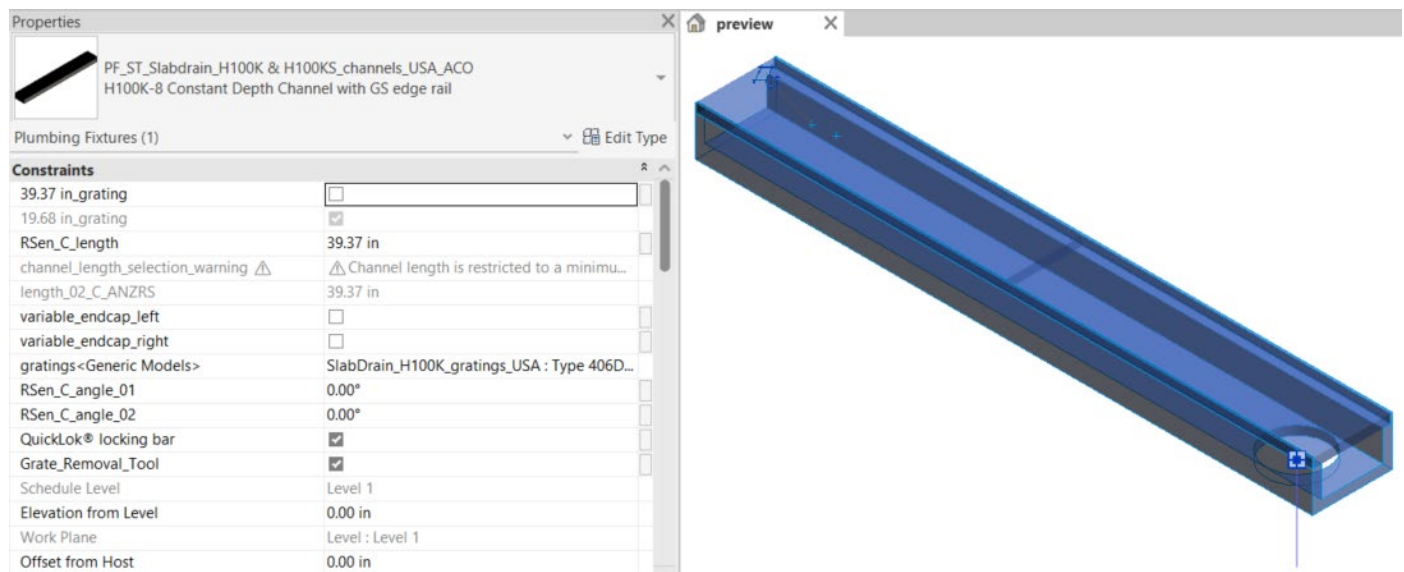


Selection of Channels:

For H100K/KS Channels

1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H100K & H100KS_Channels_USA_ACO.rfa** The family includes various invert depths, ranging from **SlabDrain_H100K/KS - 6_Invert_Depth** to **SlabDrain_H100K/KS - 8_Invert_Depth**, and supports **GS and SS edge rail Channels**.
3. **Channel length selection warning note !:**
This warning always appears. Users can specify any channel length between the minimum of **11.08 inch** and the maximum of **39.37 inch** by entering the desired value in the **RSen_C_length** parameter.

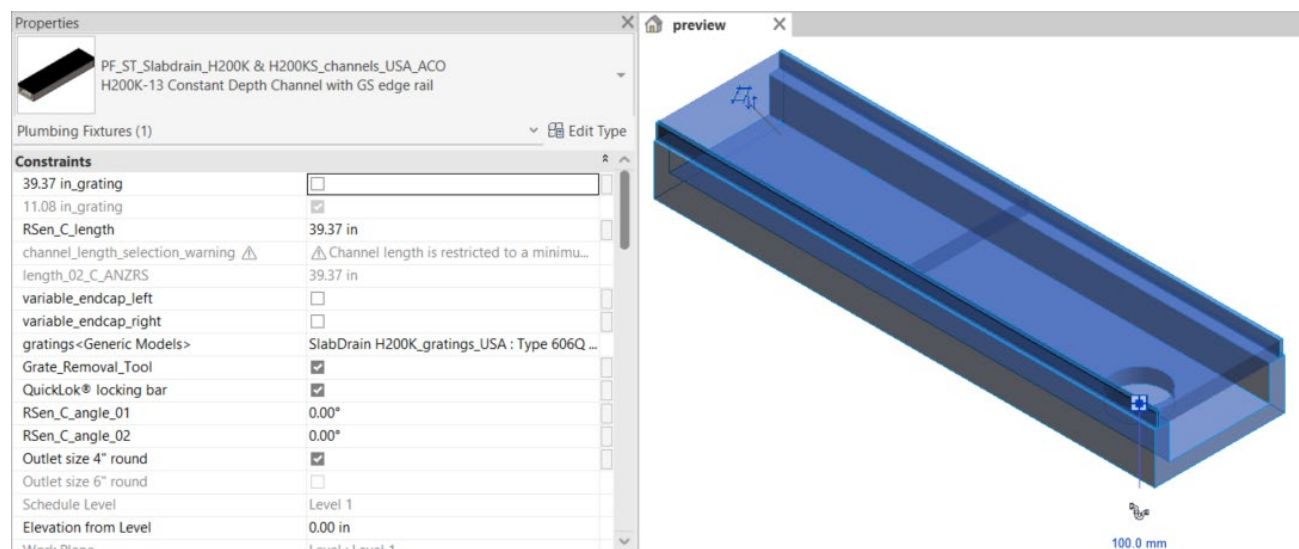
Note: If the user enters a value less than 11.08 inch or greater than 39.37 inch, a constraints error will be displayed.



Similarly, For H200K/KS Channels

1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H200K_Channels_USA_ACO.rfa** The family includes various invert depths, ranging from **SlabDrain_H200K_Invert_Depth** supports **GS and SS edge rail Channels**.
3. **Channel length selection warning note !:**
This warning always appears. Users can specify any channel length between the minimum of **19.68 inch** and the maximum of **39.37 inch** by entering the desired value in the **RSen_C_length** parameter.

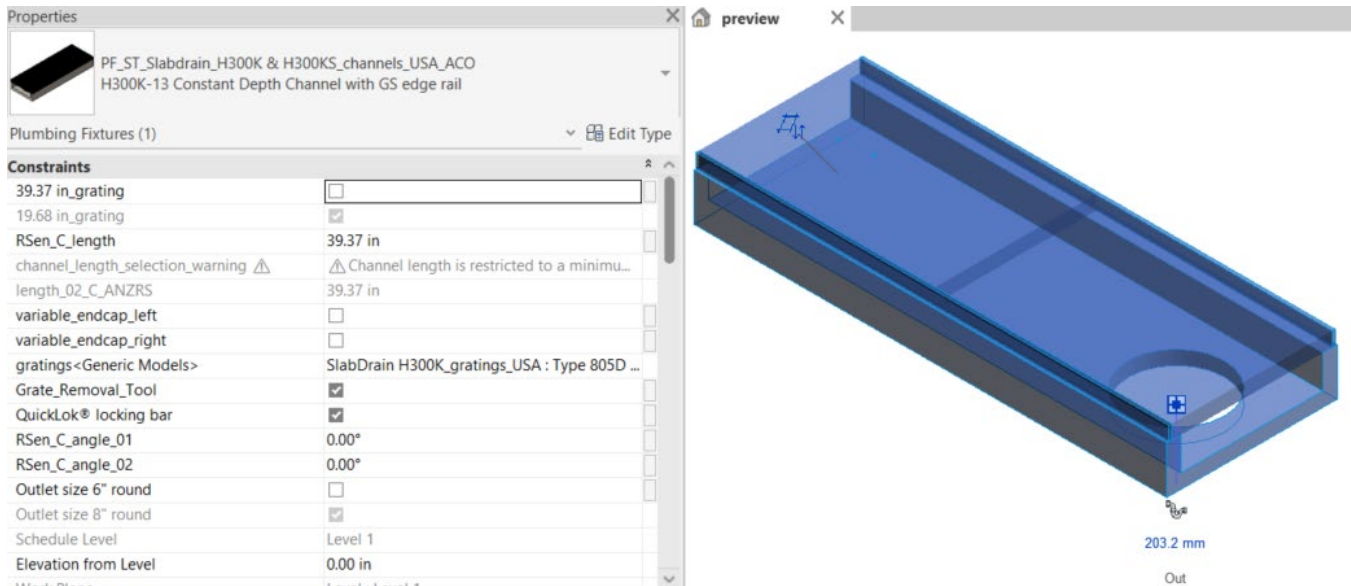
Note: If the user enters a value less than 19.68 inch or greater than 39.37 inch, a constraints error will be displayed.



Similarly, For H300K/KS Channels

1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H300K_Channels_USA_ACO.rfa** The family includes various invert depths, ranging from **SlabDrain_H300K/KS -13_Invert_Depth**, and supports **GS and SS edge rail** Channels.
3. **Channel length selection warning note !:**
This warning always appears. Users can specify any channel length between the minimum of **19.68 inch** and the maximum of **39.37 inch** by entering the desired value in the **RSen_C_length** parameter.

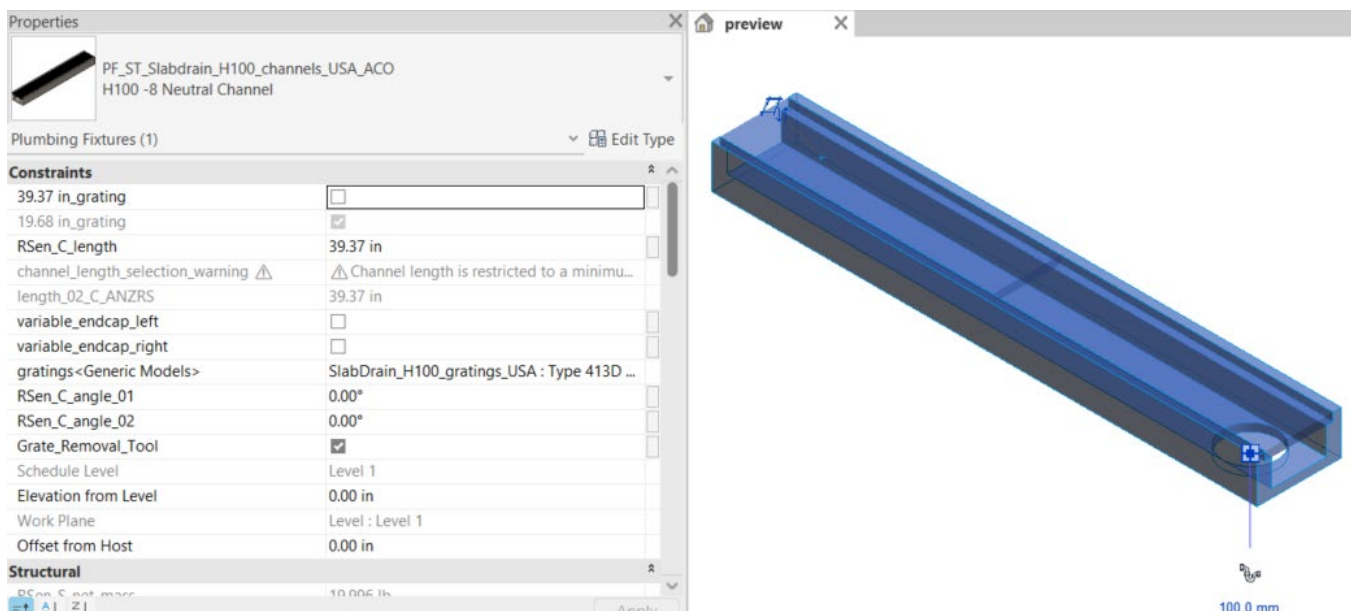
Note: If the user enters a value less than 19.68 inch or greater than 39.37 inch, a constraints error will be displayed.



For H100 series Channels

1. Click on the model – At properties tool bar, it will display family name and types.
2. **PF_ST_SlabDrain_H100_series_channels_USA_ACO.rfa** The family includes various invert depths, ranging from **SlabDrain_H100-8_Invert_Depth** to **SlabDrain_H100-10_Invert_Depth**, and Channels comes with **Polymer Concrete Edge rail**.
3. **Channel length selection warning note !:**
This warning always appears. Users can specify any channel length between the minimum of **11.08 inch** and the maximum of **39.37 inch** by entering the desired value in the **RSen_C_length** parameter.

Note: If the user enters a value less than 11.08 inch or greater than 39.37 inch, a constraints error will be displayed.



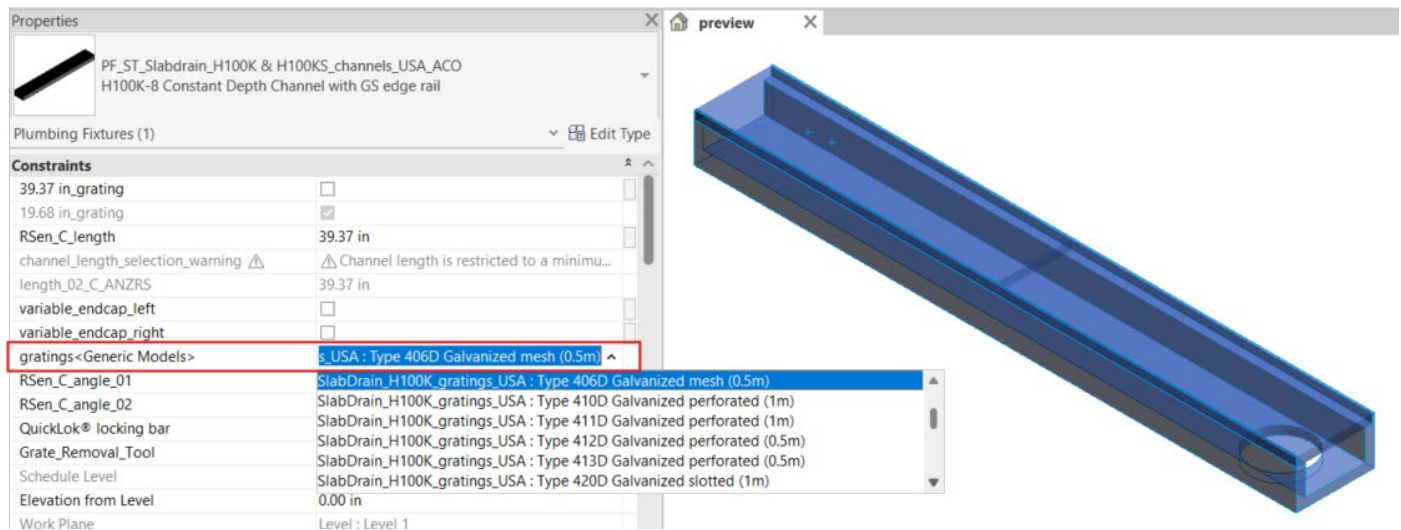
Note: The selection of channels for The SlabDrain H100SK series follows same procedure as H100K - H300K series.

Selection of Gratings for Channels:

For H100K/KS Channels

Click on the model – At properties tool bar, it will display gratings<Generic models> click on the Down arrow for selecting the different gratings select the appropriate gratings for the channel.

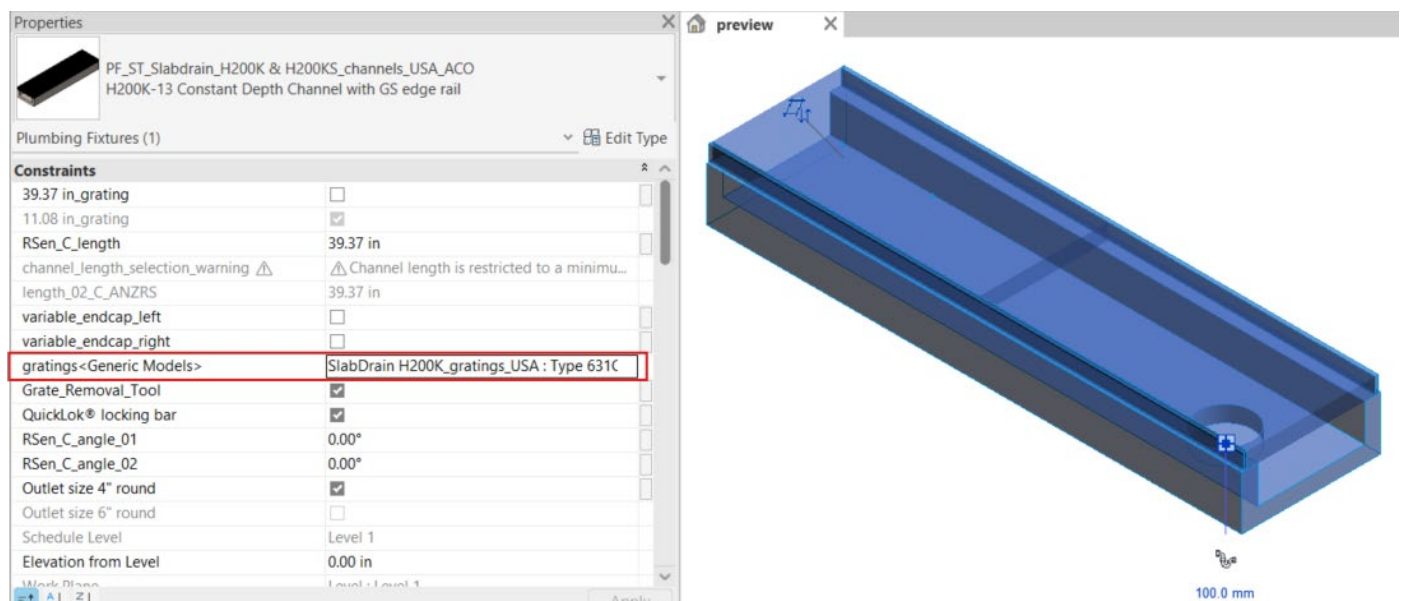
According to the requirement the user can select either 19.68 inch_grating or 39.37 inch_grating.



Similarly, For H200K/KS Channels

Click on the model – At properties tool bar, it will display gratings<Generic models> click on the Down arrow for selecting different gratings select the appropriate gratings for the channel.

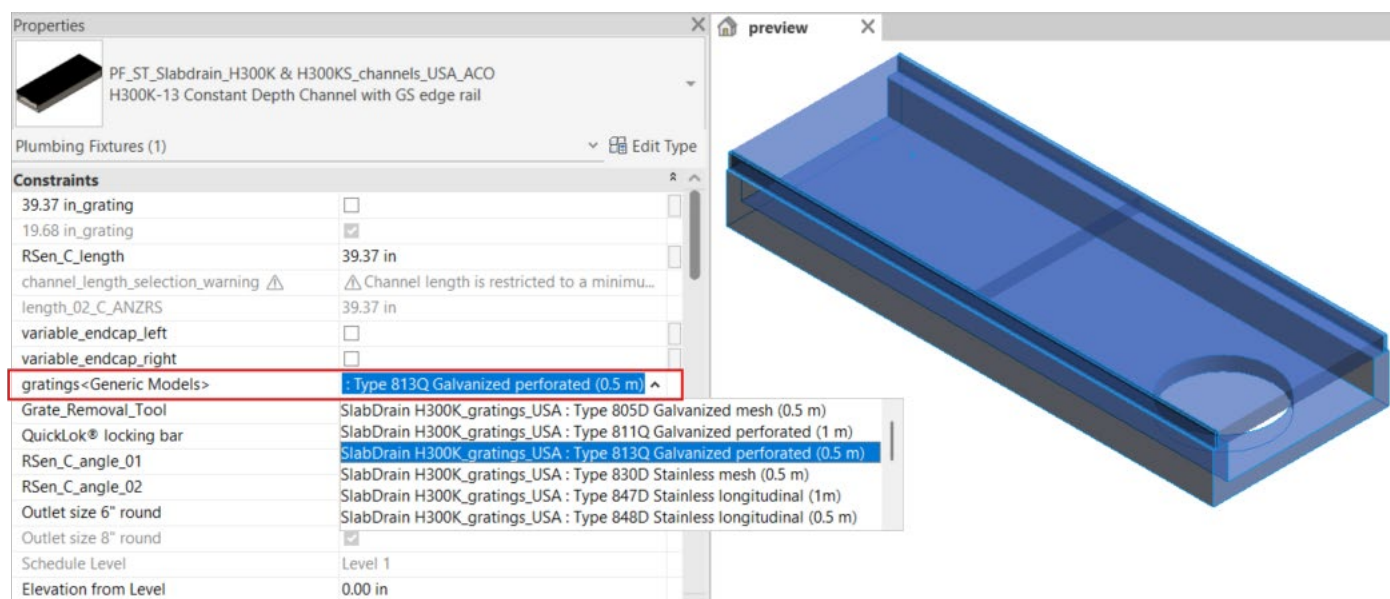
According to the requirement the user can select either 19.68 inch_grating or 39.37 inch_grating.



Similarly, For H300K/KS Channels

Click on the model – At properties tool bar, it will display gratings<Generic models> click on the Down arrow for selecting different gratings select the appropriate gratings for the Channels.

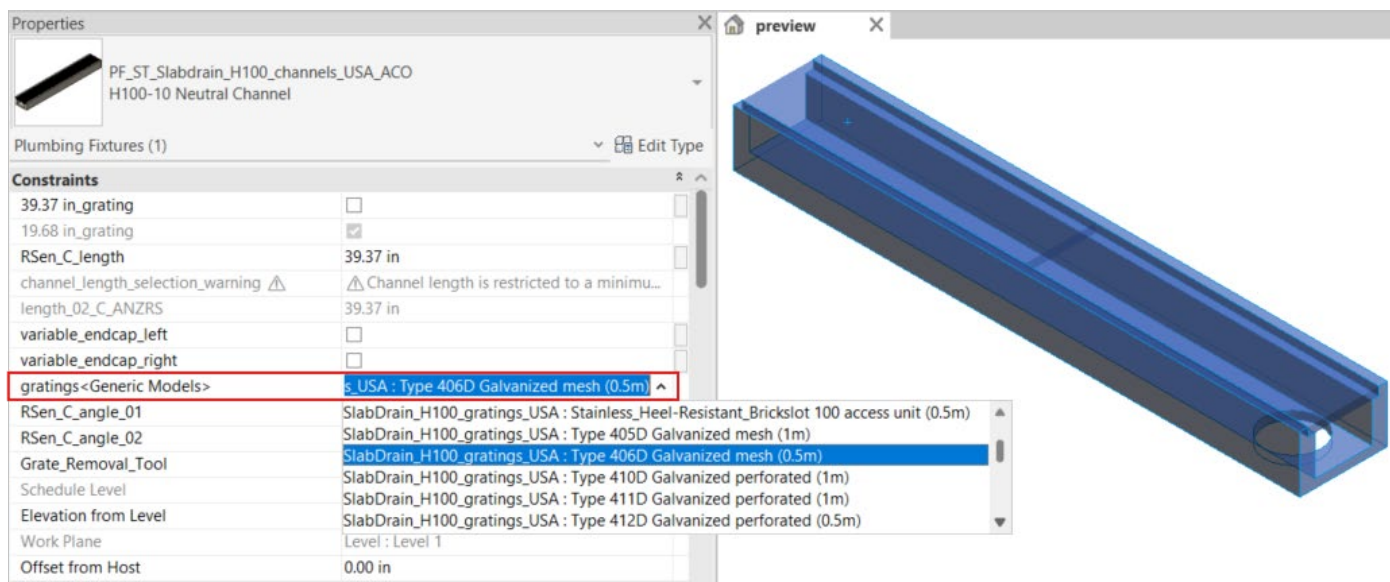
According to the requirement the user can select either 19.68 inch_grating or 39.37 inch_grating.



For H100 series Channels

Click on the model – At properties tool bar, it will display gratings<Generic models> click on the Down arrow for selecting the different gratings select the appropriate gratings for the channel.

According to the requirement the user can select either 19.68 inch_grating or 39.37 inch_grating.

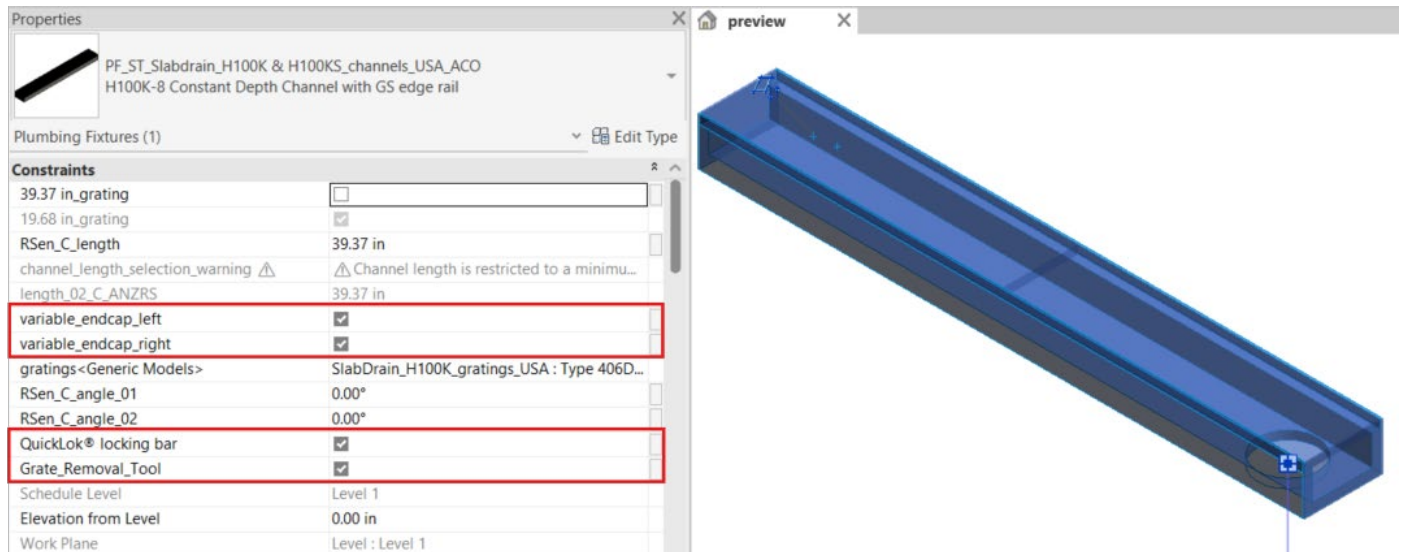


Note: The Selection of Gratings for Channels for The SlabDrain HSK series follows same procedure as H100K - H300K series.

Selection of Accessories for Channels:

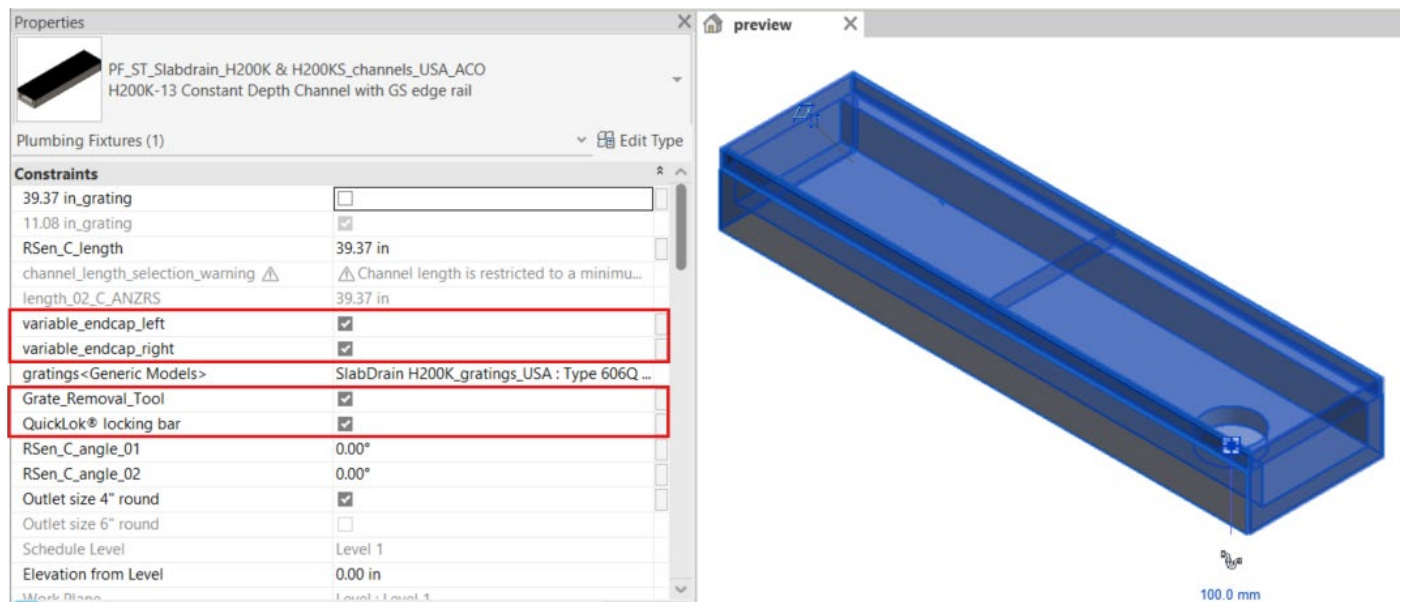
For H100K/KS Channels

Click on the model, at properties tool bar, it will display a list of accessories such as Universal endcaps, QuickLok locking bar, Grate removal tool. If user needs Accessories just select by checking the tick box, if don't just uncheck the list as shown below.



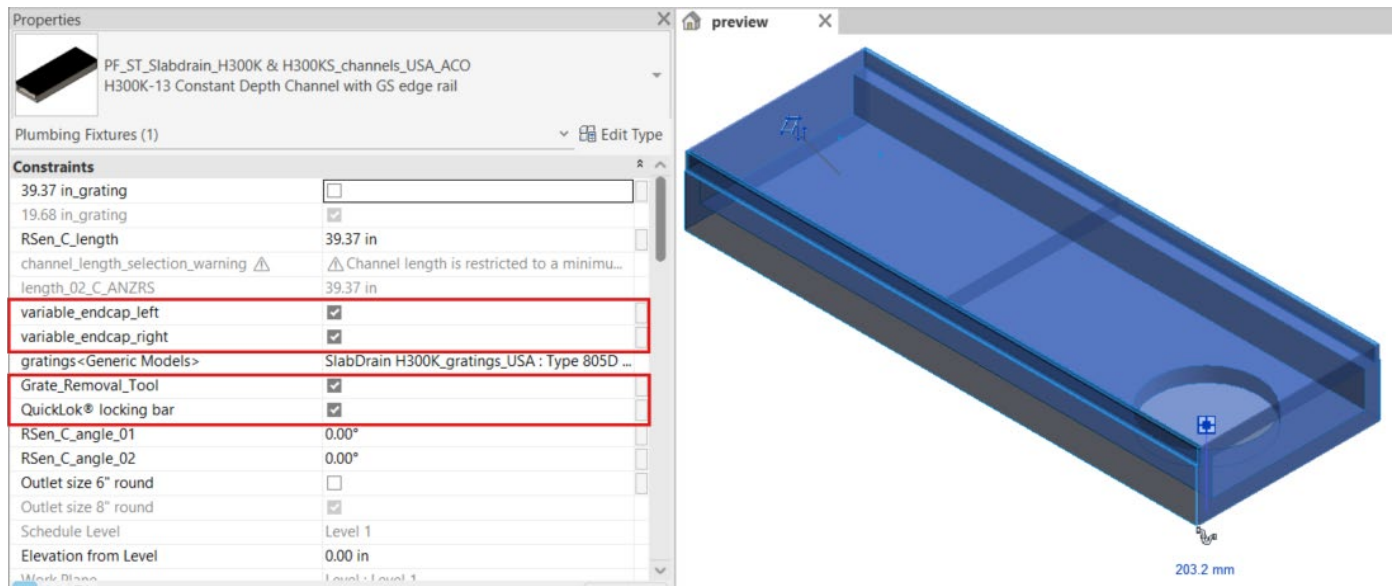
Similarly, For H200K/KS Channels

Click on the model, at properties tool bar, it will display a list of accessories such as Universal endcaps, QuickLok locking bar, Grate removal tool. If user needs Accessories just select by checking the tick box, if don't just uncheck the list as shown below.



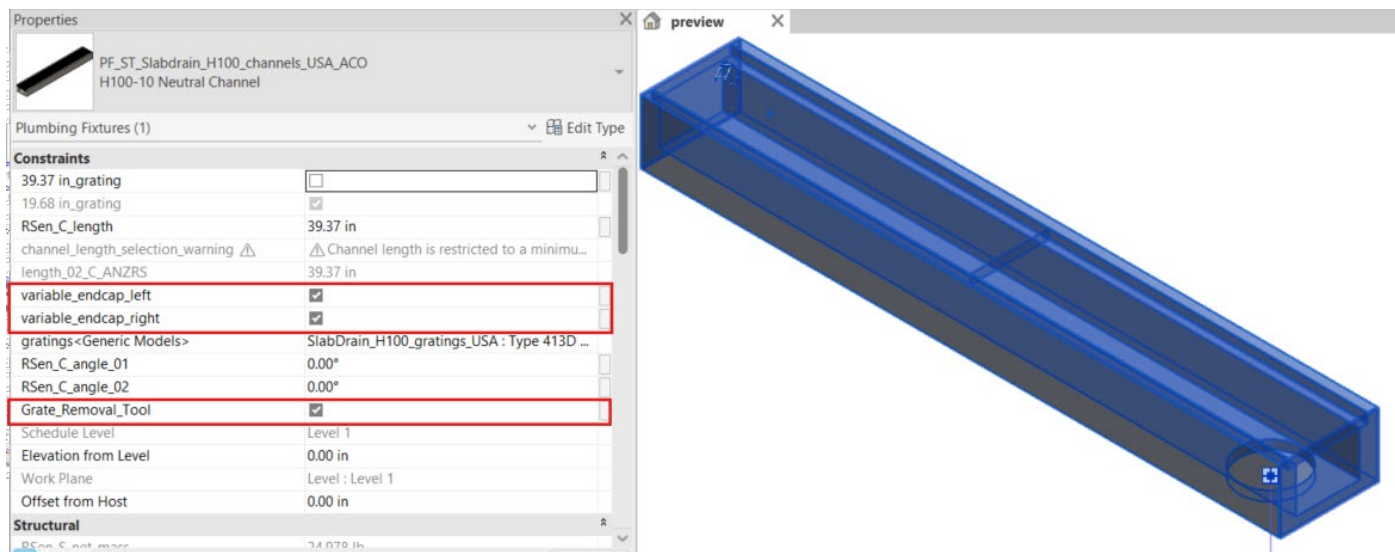
Similarly, For H300K/KS Channels

Click on the model, at properties tool bar, it will display a list of accessories such as Universal endcaps, QuickLok locking bar, Grate removal tool. If user needs Accessories just select by checking the tick box, if don't just uncheck the list as shown below.



Similarly, For H100 series Channels

Click on the model, at properties tool bar, it will display a list of accessories such as Universal endcaps, Grate removal tool, Quicklok locking bar. If user needs Accessories just select by checking the tick box, if don't just uncheck the list as shown below.



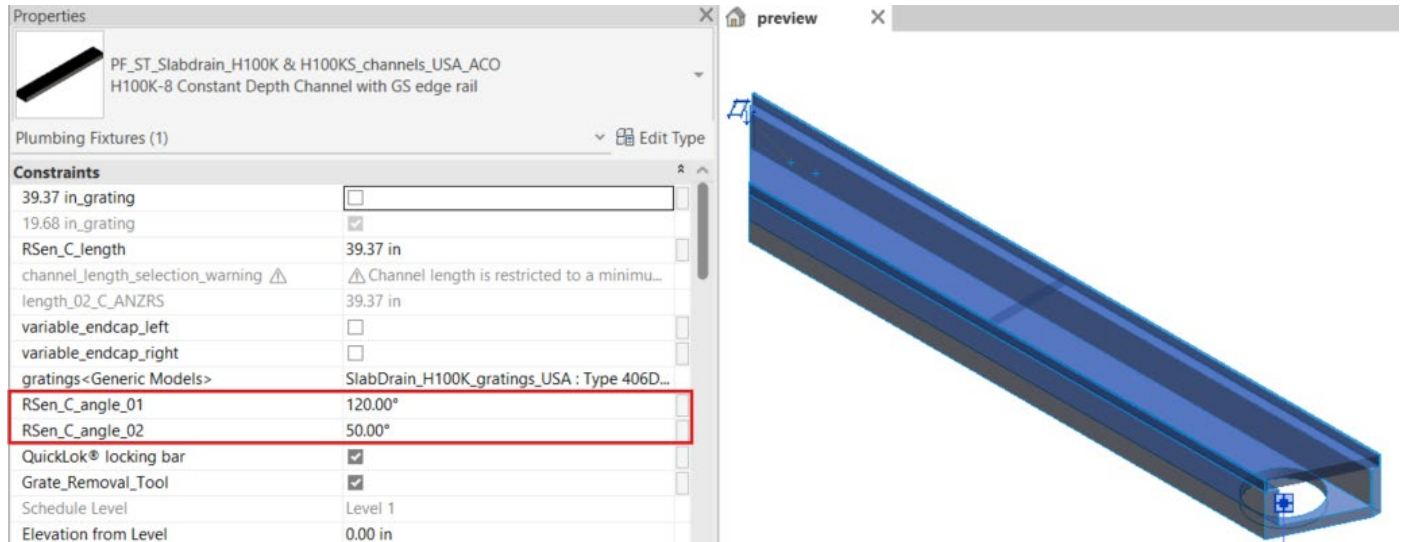
Note: The Selection of Accessories for Channels for The SlabDrain H100 series follows same procedure as H100K - H300K series.

For Angular cut:

For H100K/KS Channels

Click on the model – At properties tool bar, it will display two angles such as **RSen_C_angle_01** (left side) and **RSen_C_angle_02** (right side). We can enter the corresponding angles to make the angular cut on the Channels.

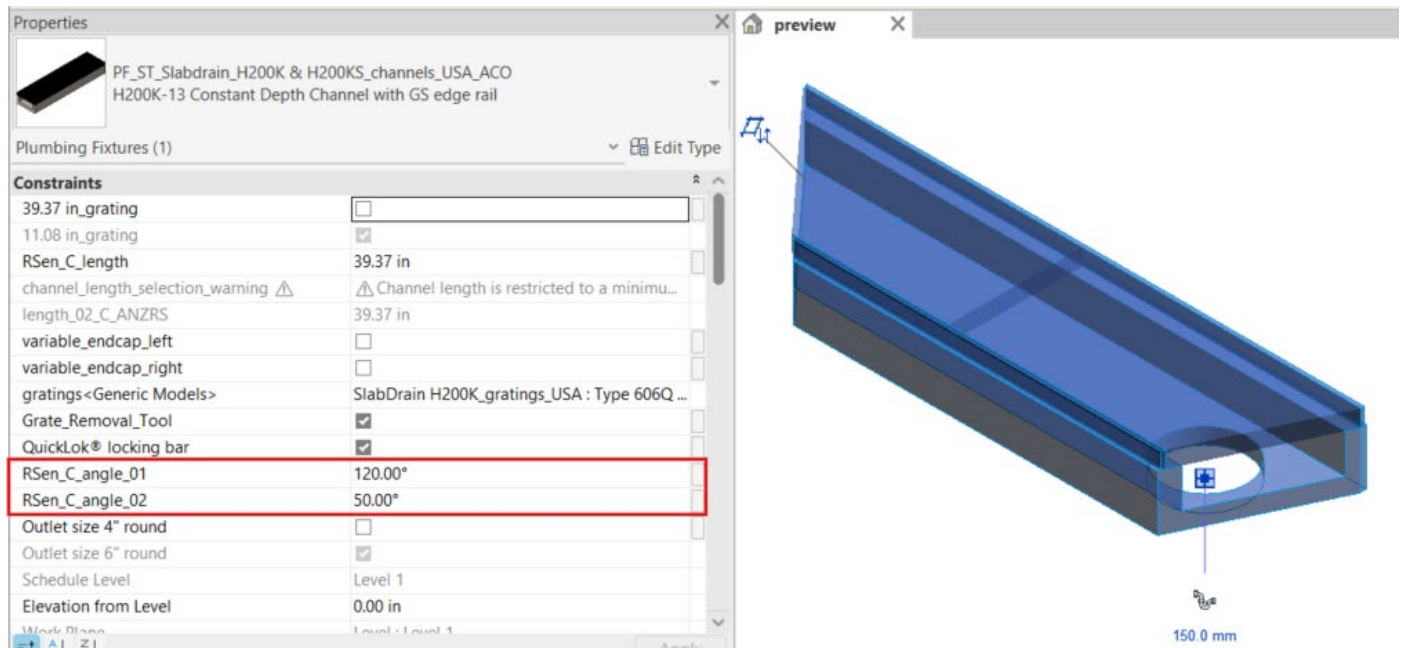
Note: While using Endcaps make sure that angular value should be as zero.



For H200K/KS Channels

Click on the model – At properties tool bar, it will display two angles such as **RSen_C_angle_01** (left side) and **RSen_C_angle_02** (right side). We can enter the corresponding angles to make the angular cut on the Channels.

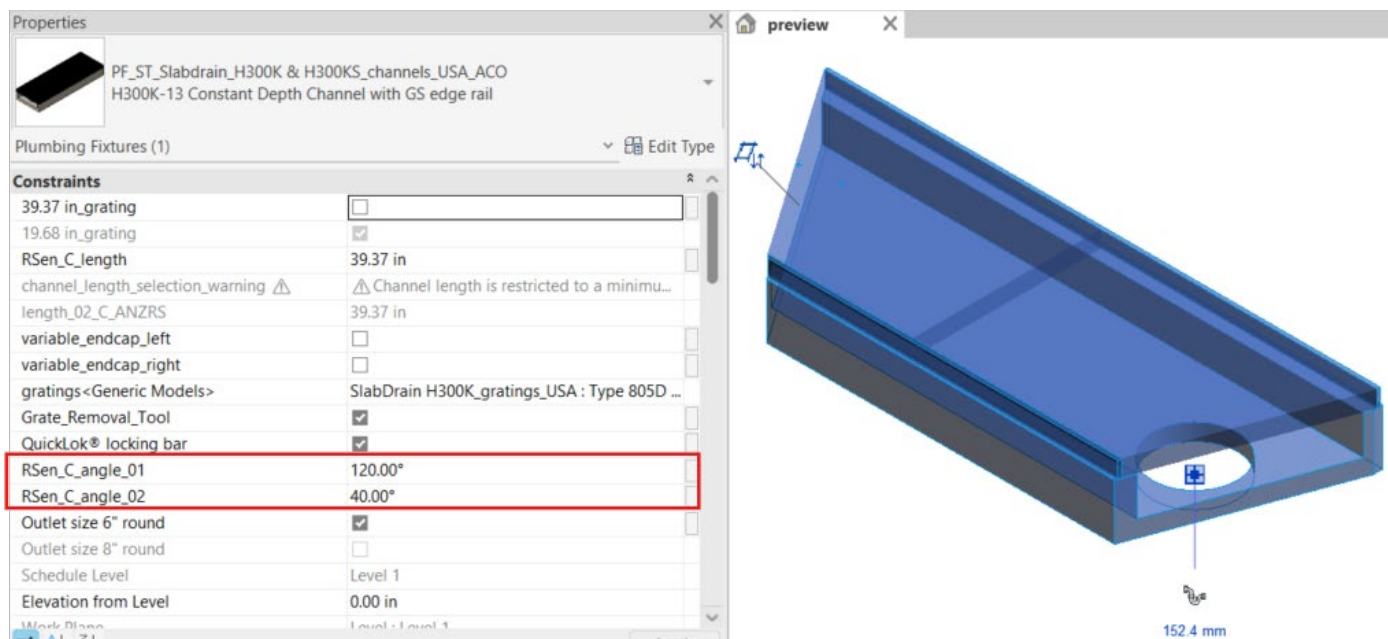
Note: While using Endcaps make sure that angular value should be as zero.



For H300K/KS Channels

Click on the model – At properties tool bar, it will display two angles such as **RSen_C_angle_01** (left side) and **RSen_C_angle_02** (right side). We can enter the corresponding angles to make the angular cut on the Channels.

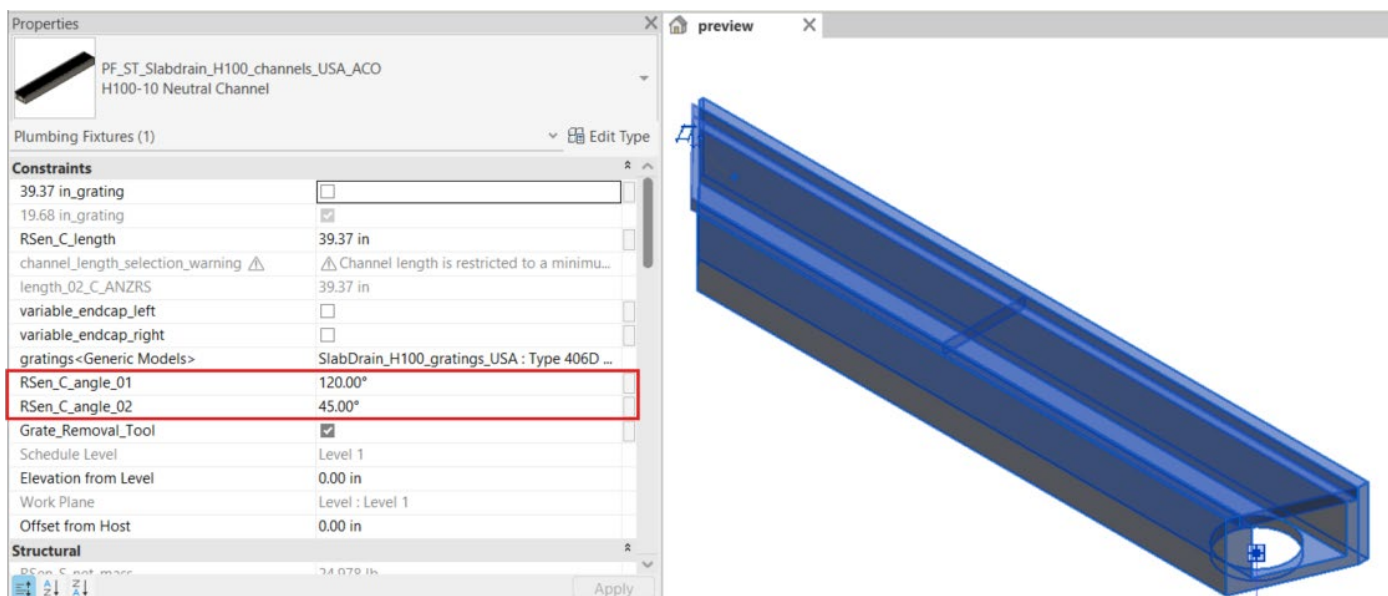
Note: While using Endcaps make sure that angular value should be as zero.



For H100 series Channels

Click on the model – At properties tool bar, it will display two angles such as **RSen_C_angle_01** (left side) and **RSen_C_angle_02** (right side). We can enter the corresponding angles to make the angular cut on the Channels.

Note: While using Endcaps make sure that angular value should be as zero.



Note: The selection of Angular value for The SlabDrain HSK series follows same procedure as H100K - H300K series.

