

BIM User Guide: March 2023

**ACO Multiline Seal-in V300**

**User Guide for Autodesk Revit files**

**ACO Multiline Seal-in V300 Packages**

All ACO Multiline Seal-in V300 are incorporated in a single Revit template along with accessories.

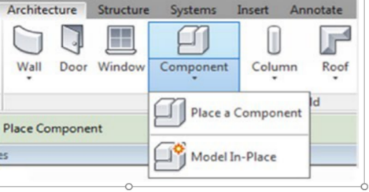
This template includes the following families:

1. Channel body without base gradient **(Straight channel - 1m and 0.5m)**
2. Channel body with stepped adapter **–( 0.5m)**
3. Sump unit **(Inlet boxes -0.5m)**

Diagram

Description automatically generated

**Loading ACO Multiline Seal-in V300 into the project:**



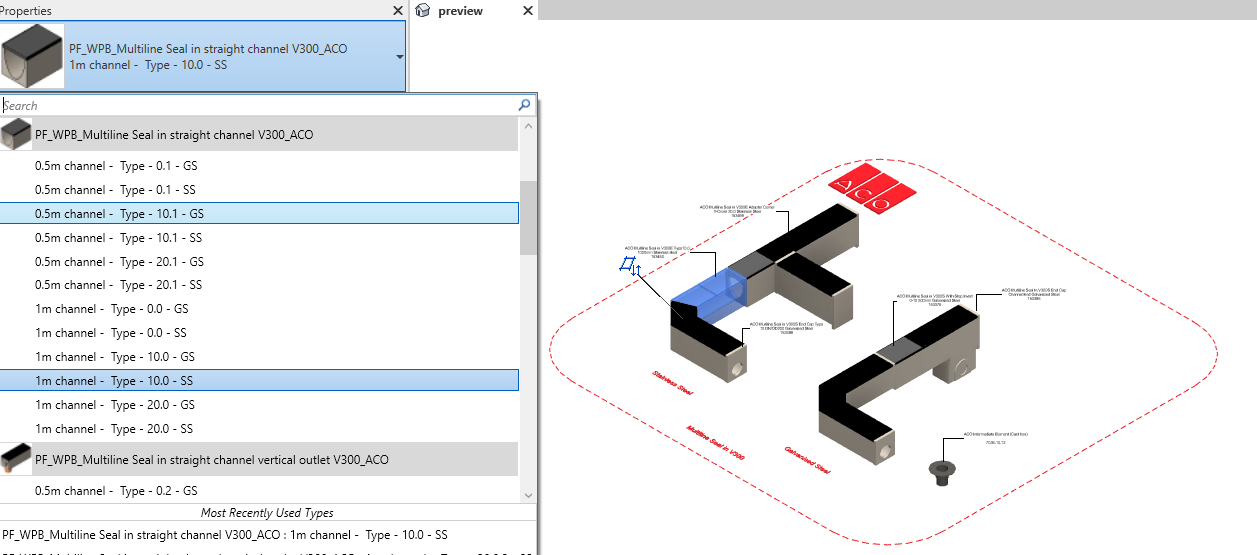
1. Download the ACO Multiline Seal-in V300 project file and save it to a suitable location
2. Select any one of the family from ACO Multiline Seal-in V300

load to your project

1. Navigate to the “Insert” icon on the Revit ribbon and click “Load Family”
2. 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**

1. Click on the model – At properties tool bar, it will display family name and types.
2. Every family consists of different types, the user has to select the appropriate family type from the “Properties” drop down menu.



**Selection of Gratings:**

Click on the model – At properties tool bar, click on the grating drop down menu and select the appropriate gratings for the channel.

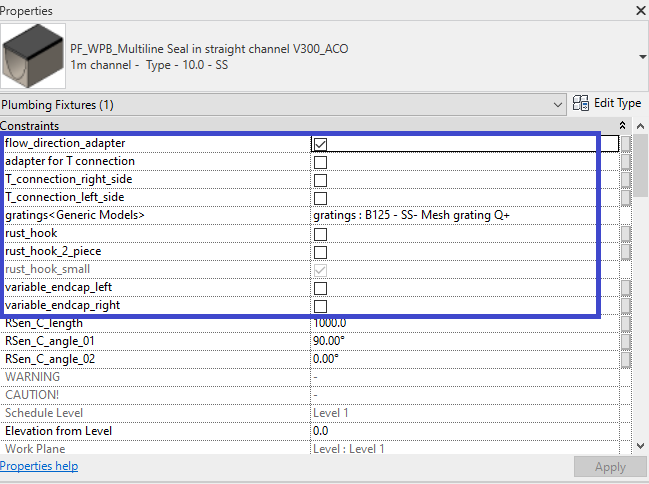
According to the requirement 500mm\_grating is used.

**Graphical user interface, text, application

Description automatically generated**

**Selection of Accessories:**

Click on the model – At properties tool bar, it will display list of accessories such as endcaps, T connection adapter and flow direction adapter. User can select by click the list as shown below

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**For Angular cut:**

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 and adapters make sure that angular value should be as zero ,Maximum and Minimum angle cut is between +45° and -45°.

Graphical user interface, application

Description automatically generated

**Material Library:**

The ACO Multiline Seal-in V300 files contain materials that are already pre-loaded into the components. When loading the ACO Multiline Seal-in V300 files into your project the pre-loaded materials will automatically transfer through.

**Schedules and quantities:**

The information such as article number, GTIN data, weight, installation guidelines within the parameters is stored as “shared Parameters” so can easily be appeared when creating a schedule and quantities in the project environment.

**Table

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