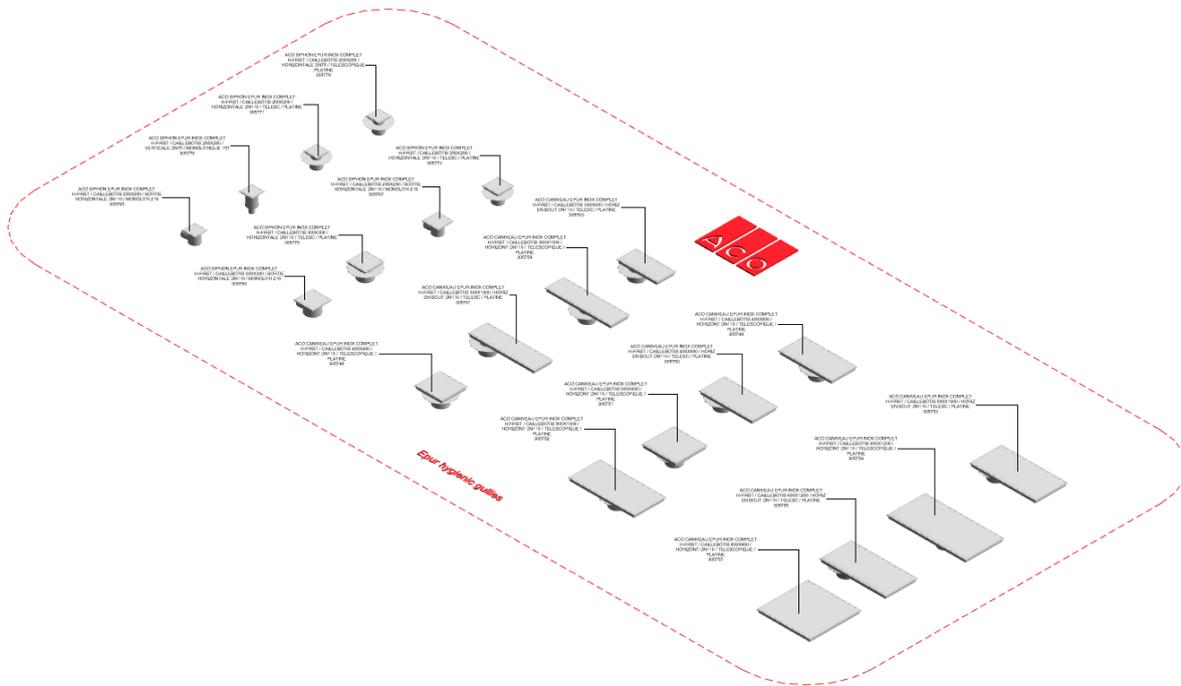


# ACO Epur Hygiene first

## User Guide for Autodesk Revit files



### Introduction and overview:

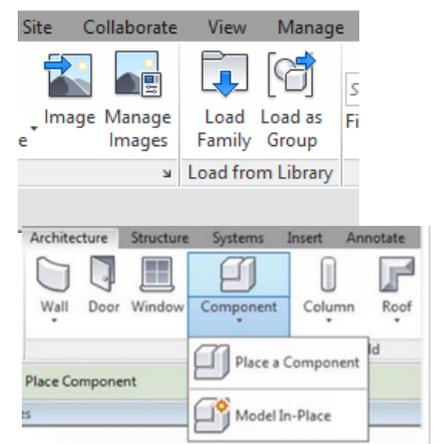
1. There are one family in the model incorporating Epur gully and associate accessories.
2. Families are assigned to Omni class 23.70.50.21.24: wastewater drains.
3. User can select each family from the type of selector in the project environment.

### File characteristics and contents:

1. File is under 4.5 MB and designed to be user friendly.
2. File is tagged with manufacture's name, specification codes and other relevant information.
3. Bill of materials (schedules) can also be accessed from the project environment.

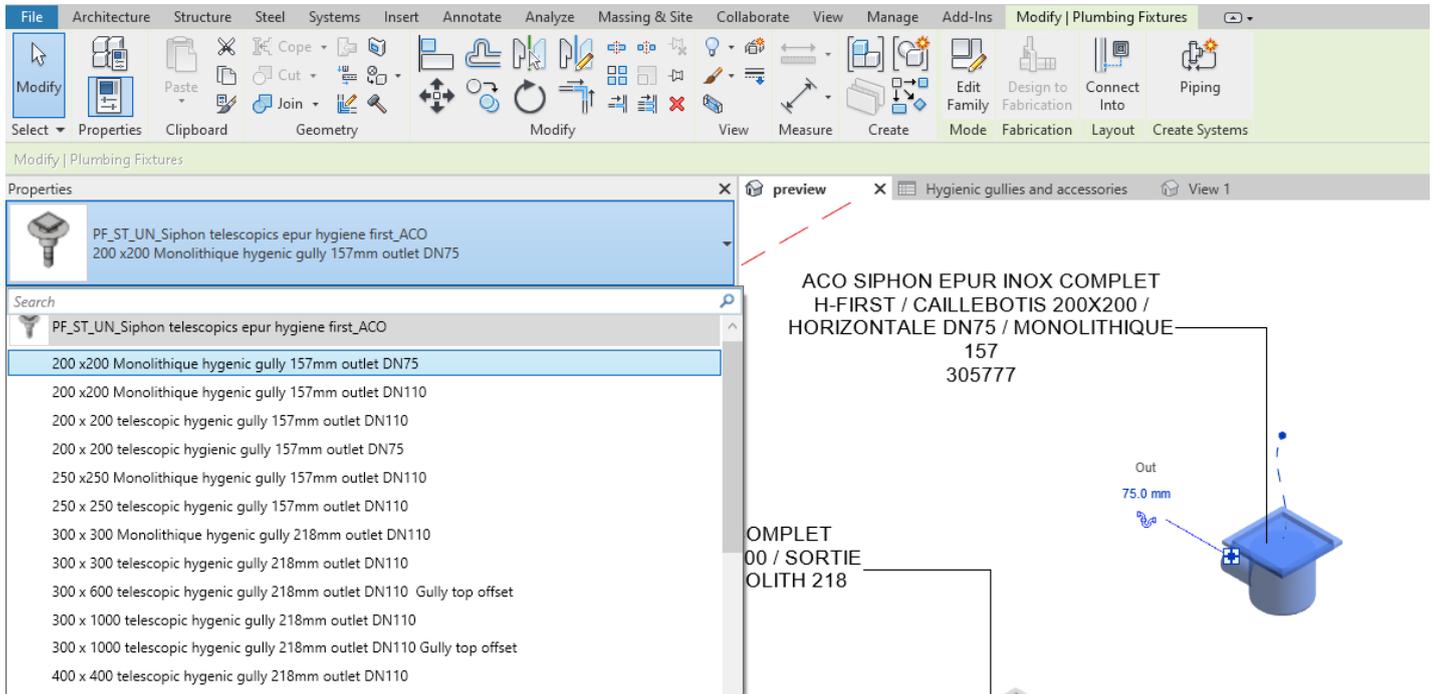
### Loading ACO Epur hygiene first into the project:

1. Download the PF\_ST\_UN\_Siphon telescopic Epur hygiene first .rfa file and save it to a suitable location
2. Load the families into the project file.
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."

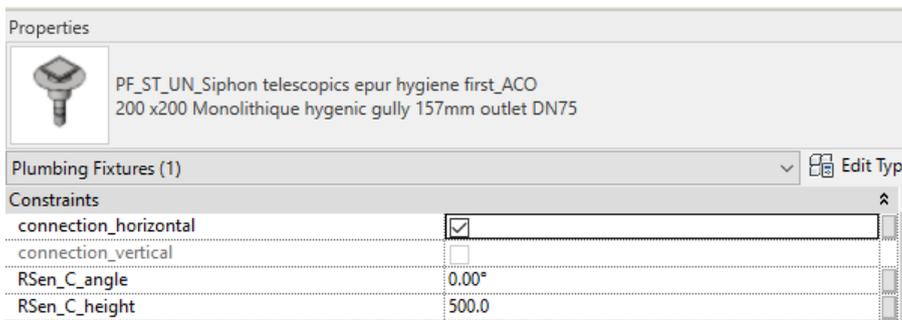


## Placing of families

- Click on the model – At properties tool bar, it will display family name as PF\_ST\_UN\_Siphon telescopic epur hygiene first and family types are 200 x 200, 300 x 300 etc.  
User end can select any type range of product from dropdown menu.



- Selection of outlet position:
  - Provided tick option for selecting the horizontal\_connection and vertical\_connection.
  - In horizontal position, user has possibility to rotate the outlet 360° in entering the value in RSen\_C\_angle.



- Gully height adjustment: User has option to adjust the gully height by entering the value between H\_min to H\_max in Rsen\_C\_height dialog box.

RSen_C_height	55.0
H_calculated	55.0
H_min	42.0
H_max	74.0

- Selection of Riser piece: Provided tick option for selecting raising piece, once raising\_piece is selected then user as to decide to select with flange or without flange by selecting tick option.

raising_piece_selection	<input type="checkbox"/>
raising_piece_with_flange	<input type="checkbox"/>
raising_piece_without_flange	<input checked="" type="checkbox"/>

5. Selection of accessories: Provided tick option for selecting related accessories like, PVC collar, cone bucket, protection kit for outlet and fire protection kit.

collar_selection	<input type="checkbox"/>
DN75_collar_outlet	<input type="checkbox"/>
DN110_collar_outlet	<input checked="" type="checkbox"/>
cone_bucket_selection	<input type="checkbox"/>
protection_kit	<input type="checkbox"/>
fire_protection_kit	<input type="checkbox"/>

6. Selection of Fire Protection Kit: Provided tick option for selecting fire protection kit only if the vertical outlet selected. If horizontal outlet is selected by default, it will show warning alert.

Default Elevation	0.0	=
connection_horizontal (default)	<input checked="" type="checkbox"/>	=
connection_vertical (default)	<input type="checkbox"/>	= not(connection_horizontal)
RSen_C_angle (default)	0.00°	=
RSen_C_height (default)	0.0	=
H_calculated (default)	42.0	= if(or(RSen_C_height < H_min, RSen_C_height = H_min), H_min, if(and(RSen_C_height > H_min, RSen_C_height < H_max), RSen_C,
H_min (default)	42.0	= if(raising_piece_selection, raising_piece_H_min, size_lookup(lookup_table_name, "Hmin"), 0 mm, region_index, material_index, fla
H_max (default)	63.0	= if(raising_piece_selection, raising_piece_H_max, size_lookup(lookup_table_name, "Hmax"), 0 mm, region_index, material_index, fla
raising_piece_selection (default)	<input type="checkbox"/>	=
raising_piece_with_flange (default)	<input type="checkbox"/>	=
raising_piece_without_flange (default)	<input checked="" type="checkbox"/>	= not(raising_piece_with_flange)
collar_selection (default)	<input checked="" type="checkbox"/>	=
DN75_collar_outlet (default)	<input checked="" type="checkbox"/>	=
DN100_collar_outlet (default)	<input type="checkbox"/>	= not(DN75_collar_outlet)
cone_bucket_selection (default)	<input type="checkbox"/>	=
protection_kit (default)	<input type="checkbox"/>	=
fire_protection_kit (default)	<input checked="" type="checkbox"/>	=
WARNING (default)	fire protection kit not available for horizontal outlet	= if(and(fire_protection_kit, connection_horizontal), "fire protection kit not available for horizontal outlet", "--")

## Material Library:

The ACO Epur Hygiene first files contain materials that are already pre-loaded into the components. When loading the ACO Epur files into your project the pre-loaded materials will automatically transfer through.

## Schedules and quantities:

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



<Hygienic gullies and accessories>

A	B	C	D	E	F
n	Description	Articlenumber	GTIN	Weight	Technical information
4	ACO CONE DE RECUPERATION 168X168 E25 BP25 / INOX 304 PASSIVE	415918	--	1.60 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
ACO cone H200: 4					
4	ACO KIT COUPE FEU / ISOLANT THERMIQUE AVEC CLOCHE ET / SUPPORT CLOCHE / POUR SIPHON 157-75	416932	--	3.60 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
ACO Fire protection kit: 4					
3	ACO SYSTEME DE PROTECTION DE CANALISATION ACO PROTEC / INOX / POUR SORTIE DN75	304371	--	1.10 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO SYSTEME DE PROTECTION DE CANALISATION ACO PROTEC / INOX 304 - POUR BS DIAMETRE 157 - HORIZONTAL	307634	--	0.37 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
ACO Pipe protection system: 4					
4	ACO RACCORD DE LIAISON / INOX / DN75 VERS PVC DN100 / POUR COLLAGE PVC	304313	--	0.04 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
ACO PVC collar: 4					
4	408206 - Réhausse inox - pour siphon corps diamètre 157 / Avec platine de diamètre 358 mm	408206	8590830107700	1.90 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
ACO raising pieces hygienic gully : 4					
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 400X400 / HORIZONTAL DN110 / TELESCOPIQUE / PLATINE	305748	--	12.70 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 400X800 / HORIZONTAL DN110 / TELESCOPIQUE / PLATINE	305749	--	19.00 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 400X800 / HORIZ EN BOUT DN110 / TEDESC / PLATINE	305750	--	19.60 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 500X500 / HORIZONTAL DN110 / TELESCOPIQUE / PLATINE	305751	--	16.60 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 500X1000 / HORIZONTAL DN110 / TELESCOPIQUE / PLATIN	305752	--	26.50 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 500X1000 / HORIZ EN BOUT DN110 / TEDESC / PLATINE	305753	--	26.50 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 600X1200 / HORIZONTAL DN110 / TELESCOPIQUE / PLATIN	305754	--	35.70 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 600X1200 / HORIZ EN BOUT DN110 / TEDESC / PLATINE	305755	--	35.70 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 800X800 / HORIZONTAL DN110 / TELESCOPIQUE / PLATINE	305757	--	39.60 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 300X1000 / VERTICALE DN110 / TELESCOPIQUE / PLATIN	305758	--	19.90 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 300X1000 / HORIZONTAL DN110 / TELESCOPIQUE / PLATIN	305759	--	18.20 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 300X1000 / HORIZ EN BOUT DN110 / TEDESC / PLATINE	305761	--	18.20 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO CANIVEAU EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 300X600 / HORIZ EN BOUT DN110 / TEDESC / PLATINE	305763	--	13.70 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO SIPHON EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 200X200 / SORTIE HORIZONTALE DN110 / MONOLITH 218	305765	--	4.10 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO SIPHON EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 250X250 / SORTIE HORIZONTALE DN110 / MONOLITH 218	305767	--	5.20 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO SIPHON EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 300X300 / SORTIE HORIZONTALE DN110 / MONOLITH 218	305769	--	7.10 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO SIPHON EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 200X200 / VERTICALE DN110 / TELESCOPIQUE / PLATINE	305770	--	5.70 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO SIPHON EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 200X200 / HORIZONTALE DN110 / TEDESC / PLATINE	305771	--	5.60 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO SIPHON EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 250X250 / HORIZONTALE DN110 / TEDESC / PLATINE	305773	--	6.60 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO SIPHON EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 300X300 / HORIZONTALE DN110 / TEDESC / PLATINE	305775	--	8.90 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO SIPHON EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 200X200 / HORIZONTALE DN75 / MONOLITHIQUE 157	305777	--	4.10 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
3	ACO SIPHON EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 200X200 / VERTICALE DN75 / TELESCOPIQUE / PLATINE	305778	--	5.70 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>
1	ACO SIPHON EPUR INOX COMPLET H-FIRST / CAILLEBOTIS 200X200 / HORIZONTALE DN75 / TELESCOPIQUE / PLATINE	305779	--	5.50 kg	<a href="https://www.aco.fr/">https://www.aco.fr/</a>