

ACO KerbDrain

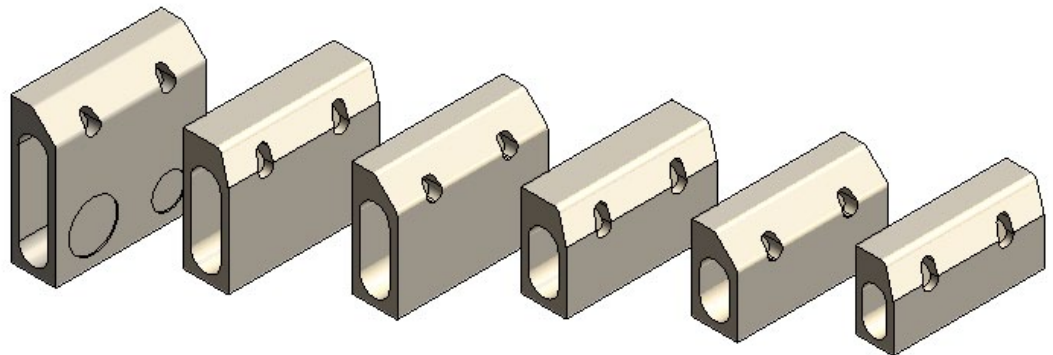
Combined kerb & drainage system

User Guide for Autodesk Revit files

The ACO KerbDrain Range

ACO KerbDrain is divided into 10 individual Revit families.

- HB255 system
- HB305 system
- HB405 system
- HB480 system
- SP280 system
- SP380 system
- SP480 system
- KD200 system
- HB Gully system
- SP Gully system

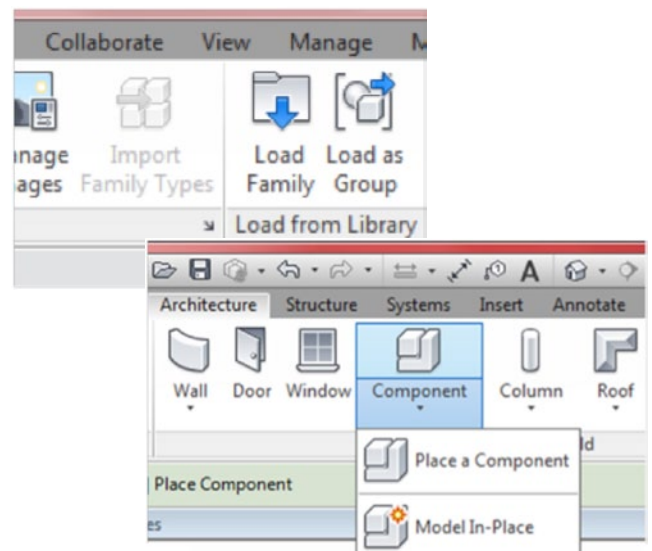


Loading ACO KerbDrain into your project

Each system is modelled as a generic family that can simply be loaded into your project.

1. Download the relevant ACO KerbDrain file and save it to a suitable location
2. Open your project and navigate to an appropriate view
3. Navigate to the "Insert" icon on the Revit ribbon and click "Load Family"
4. Select the KerbDrain Revit file you saved earlier
5. The file can now be placed into your project. Navigate to the "Architecture/Component" icons on the Revit ribbon and click "Place a Component"

Note that all of the KerbDrain files are "floor" based items.



Using the channel system and options

ACO KerbDrain channel system and options

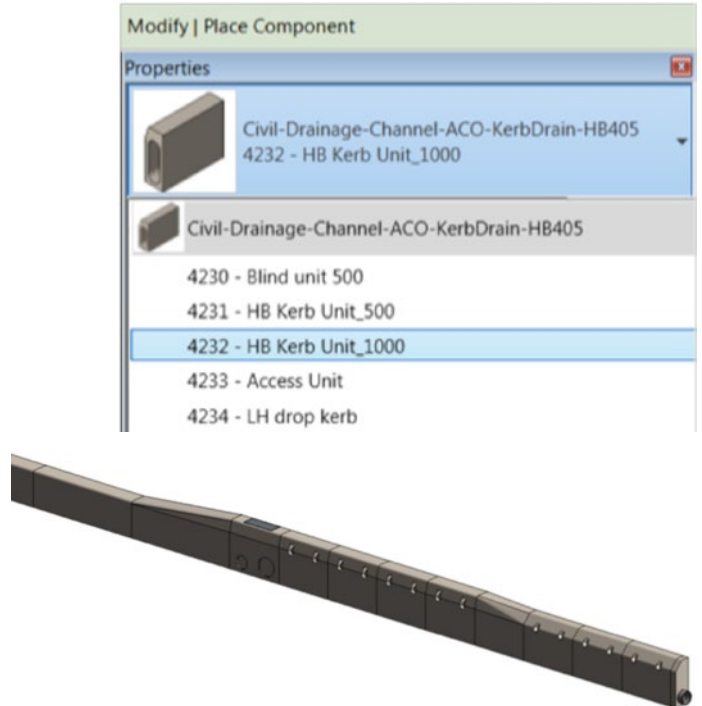
Step 1: Select the channel

All of the different options of the ACO KerbDrain channel system are available within the Revit family.

Examples of the options included:

- 1m long kerb unit
- 0.5m long kerb unit
- Access unit
- Transition unit
- Drop kerb
- Centre stone
- Closing end cap
- Inlet / outlet end cap

Select your option from the “Properties” drop down menu.

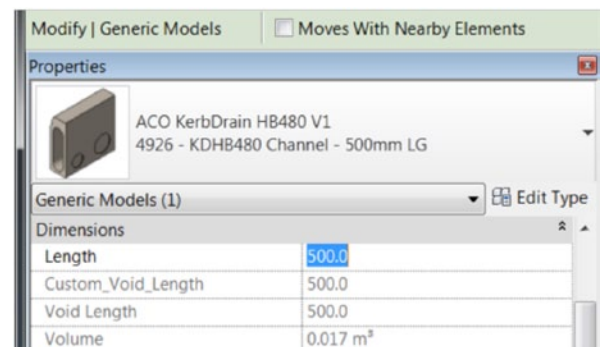


Step 2: Non-standard channel lengths

Additional features have been built into the KerbDrain files that allow non-standard channel lengths to be incorporated in the project.

To choose a non-standard channel length, position the channel within the project and select it, the “Properties” box will appear on the left hand side of the screen for the component.

Options for shorter, non-standard channel lengths can be made here.



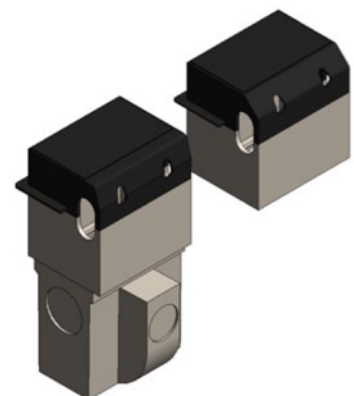
Step 3: Select the KerbDrain Gully unit

All of the different components of the ACO KerbDrain Gully system are available in the Revit family.

Examples of the variants included:

- Top and shallow base assembly
- Top and deep base assembly
- Top and roddable deep base assembly
- Top and road gully connector
- Top assembly

Select your option from the “Properties” drop down menu.

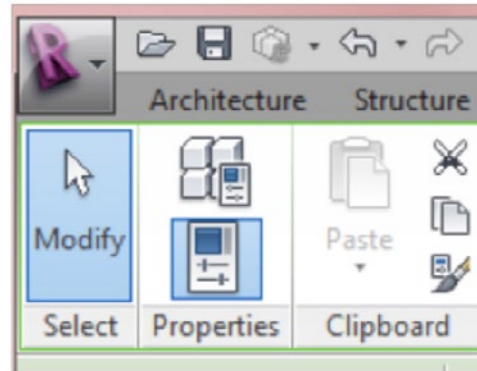


▶ Type properties

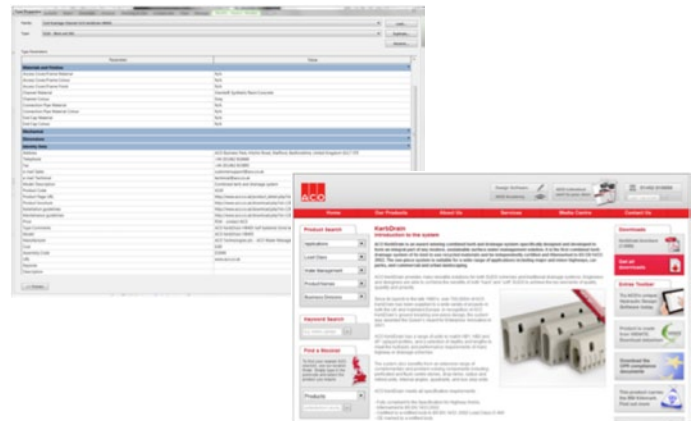
The ACO KerbDrain file has a lot of useful information embedded within it, including installation and maintenance details.

This information, along with much more is either stored within the files or available through hyperlinks within the components type properties.

1. To access the information within the component, simply select the component and then click the “Type Properties” icon on the Revit ribbon at the top of the screen



2. The “Type Properties” information sheet will now be displayed on the screen. Simply scroll up and down the sheet to find the information you require.
3. The information within the “Type Properties” is stored as “Shared Parameters” so can easily be used when creating a schedule for example.



▶ Material library

The ACO KerbDrain file contains materials that are already pre-loaded into the components. When loading the ACO KerbDrain file into your project the pre-loaded materials will automatically transfer through.

▶ Other notes

You can add the ACO KerbDrain systems to your company template file. They will then be available without the need to load them when starting a new project. The ACO KerbDrain systems have been created in Revit 2013.