SCHOOLS

UNIVERSITIES

RESEARCH LABS

HOSPITALS

Vulcathene

Safe chemical drainage

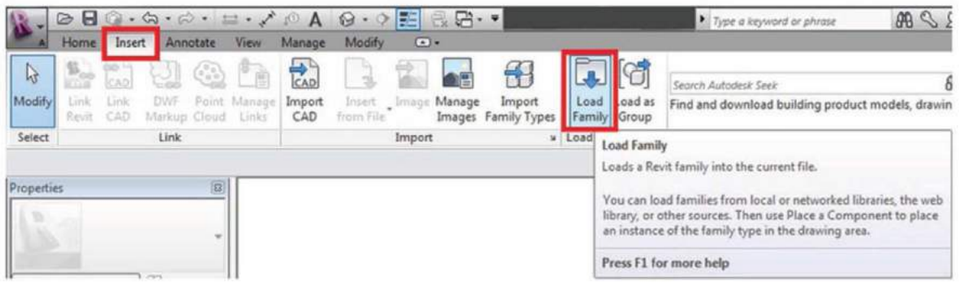
BIM User Guide

Loading the Vulcathene components into your project

You can load the chosen component into your project using the following method.

1. Open the Revit file containing your 'project' and navigate to an appropriate view.

2. Go to the insert tab on the Revit ribbon and select 'Load Family'



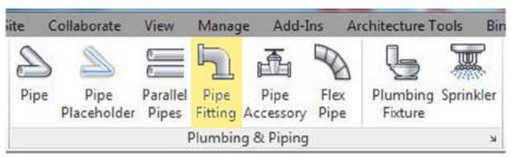
3. Navigate to the location of the saved component that you have downloaded, select the component and click 'Load'.

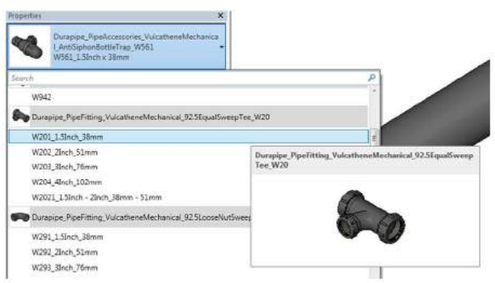
4. The component is now embedded into your project and ready to be placed.

Placing the Vulcathene components in your project

Now the component are loaded into your project you need to place them into your model. As Vulcathene products are created as 'Pipe Fitting' or 'Pipe Accessories' you will need a pipe in order to break the fittings into. Please ensure that you have the correct pipe type set up to coordinate with the correct pipe fitting.

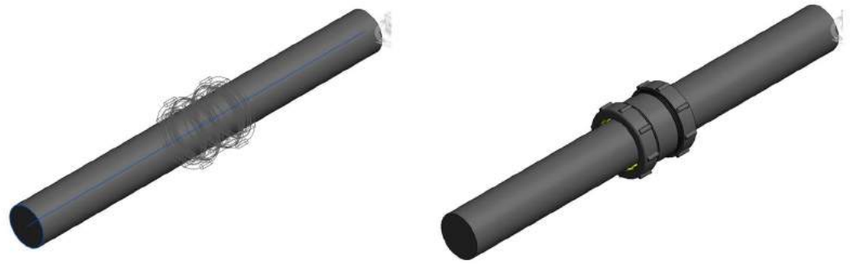
1. On the main Revit ribbon go to the 'Systems' tab. Under 'Plumbing and Piping' there is a button for 'Pipe Fitting' as indicated in the image.





2. With 'Pipe Fitting' selected the types will appear in the 'Properties' dialogue box, typically on the left hand side of the screen. From the drop down menu at the head of this box you can see the type selected and you can click to reveal additional types and families that are loaded in the project. Select the one you would like to place.

3. With the component selected you can now hover the curser near the pipe and the component will appear ghosted against the pipe. The component will be rotated to be in the same orientation as the pipe. Simply click the mouse to place the component.



4. The component is now part of the piping system. There are various options available to modify the setting out and positioning of the fitting. Firstly, when viewed in plan view, the flip arrow can be used to mirror the position of the component.

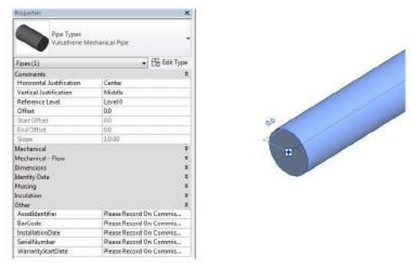
   Also, if you require the component to be rotated around the pipe, simply go to a 3D view and select the component. You will notice a rotate and flip symbol appear. By clicking these symbols the component will rotate/flip along the component and each click.

Setting up Pipe Routing Preferences

Pipe fittings and accessories are designed to be used with Vulcathene pipes. The pipes are available in the download file or to download from www.bimstore.co.uk and are set up in a project environment for copying and pasting into your project.

It is possible to customise the 'Routing Preference' of these pipes to utilise a specific fitting for certain scenarios. In order to customise your 'routing preference' follow the steps below:

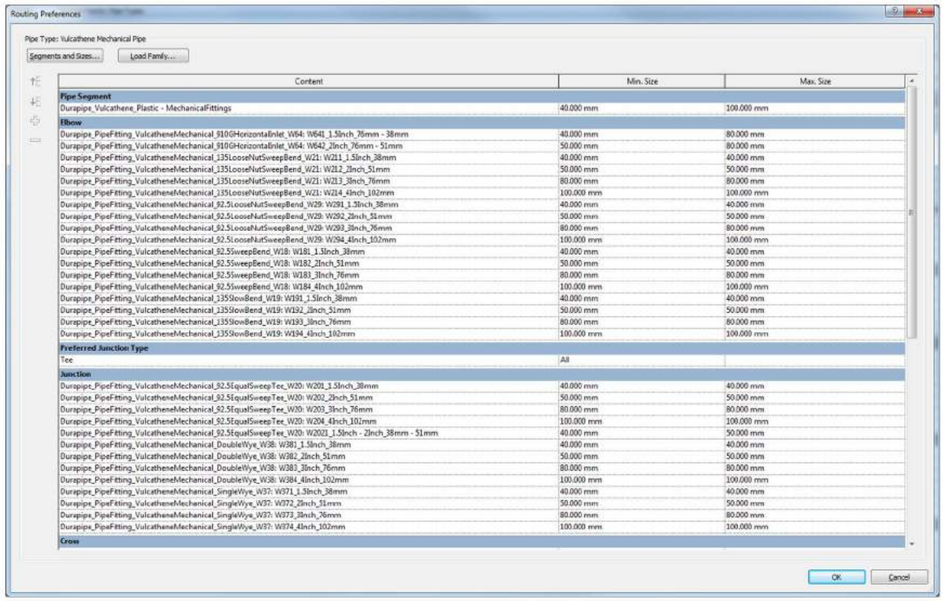
1. Select a pipe in your project. And select 'Edit Type' from the properties box.



2. This will bring up the 'Type Properties' for the pipe system. Under 'Segments and Fittings' you will find 'Routing Preferences'. Click 'Edit...' to define your routing preferences.

3. From this dialogue box you can load a family and then define how the fitting will behave within the project.

4. Note: You can have two elbow families or two tee families loaded into one routing preference, to do this click on the green '+' sign on the left hand side. However, Revit will use the family loaded at the top of the list as the default fitting for that type of junction. The order of preference can be determined by using the up and down arrows above the green '+' symbol.



Re-assigning the primary connector

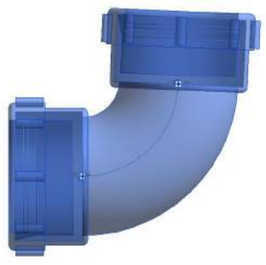
Re-assigning the primary connector allows you to determine how the fitting is going to join on to other fittings or pipes. If the components do not 'click' onto each other correctly you may need to re-assign the primary connector via the following steps;

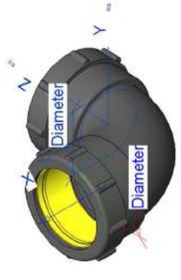
1. Click on the component you want to re-assign the primary connector on.

2. Within the ribbon, select 'Edit family,' shown right.

3. Click on the pipe connector you want as Primary Connector and click 'Re-assign Primary' as shown below.

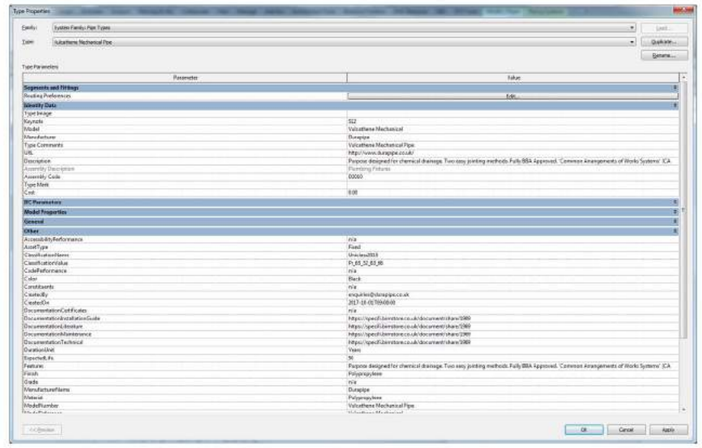
4. Load the family back into your project and 'Overwrite the existing version and its parameter values' as shown below.





Vulcathene Manufacturer specific data

The Vulcathene families contain a host of technical and manufacturer specific data to assist the user when building up their project or when scheduling. To access the data embedded into the families, simply select the desired component and click the 'Edit Type' button at the head of the 'Properties' tab. All of this information can be scheduled including URL links direct to Vulcathene and to the documentation.



Other notes

You may add the Vulcathene pipe fittings and accessory families to your company template file, this will mean they are available without loading when starting a new project.

Revisions

Version 1.0—First Issue

For further information on all Durapipe UK products and services contact our Customer Services Department as detailed below.

Customer Services
Tel: 0844 800 59
Fax: 0800 317875

Durapipe UK is a trade name of Glynwed Pipe Systems Ltd. Company Number 1698059.

Registered office:

Durapipe UK
Walsall Road
Norton Canes
Cannock
Staffordshire
WS11 9NS
United Kingdom
Tel: +44 (0)1543 279909
Fax: +44 (0)1543 279450
email: enquiries@durapipe.co.uk
web: www.durapipe.co.uk
Twitter: @DurapipeUK