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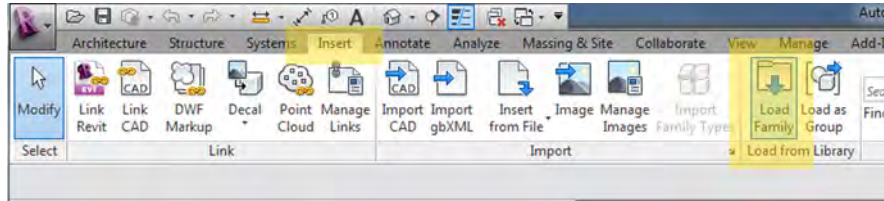
Safehinge
Symphony Door Set
User Guide

Version 1.0 Revit 2013
July 2015

SYMPHONY^o DOORSETS
DESIGNED BY **SAFEHINGE^o**

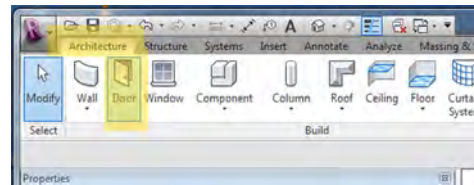
Loading the Safehinge Symphony Door component into your project

The Symphony Door set has been created as a 'Door family' with user selectable configurations. You can load the component into your project using the following method;

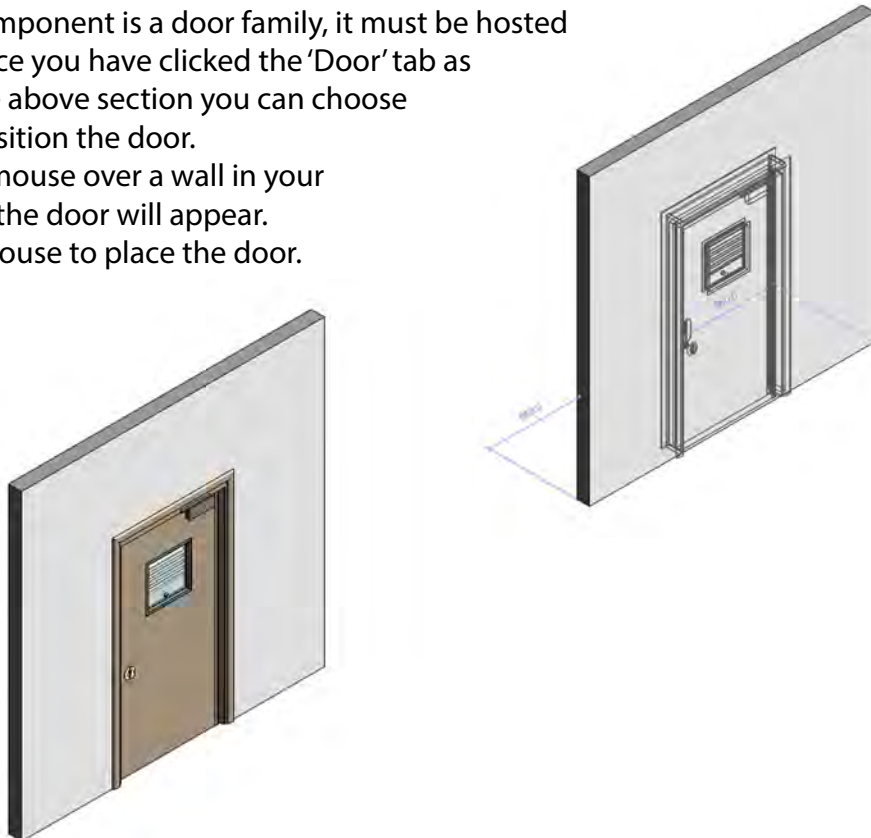


1. Open the Revit family containing your "project" and navigate to an appropriate view.
2. Now save the component that you downloaded from bimstore to your desired location on your computer (In line with your company protocols).
3. Navigate to the 'Insert' tab located on the Revit Ribbon and click the 'Load Family' button.
4. You can now navigate to where you have saved the Safehinge door component and click the revit file .

5. The component is now embedded into your project and can be selected from the 'Door' tab found in the Architecture section of the main Revit ribbon.



6. As this component is a door family, it must be hosted to a wall. once you have clicked the 'Door' tab as stated in the above section you can choose where to position the door. hover your mouse over a wall in your project and the door will appear. Click your mouse to place the door.



Using the Safehinge door Component

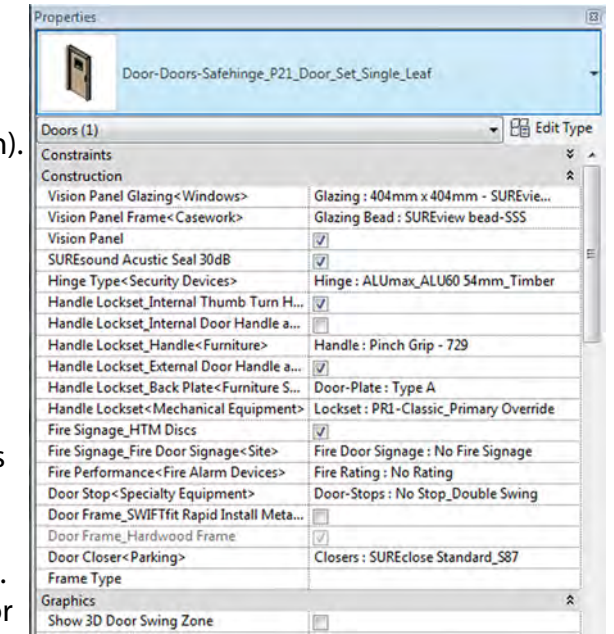
Because of the versatility of the components, no pre-defined types have been created as every variation may be different. The initial component you have loaded in to your project will have manufacture default options selected to allow for quick, consistent placement of the component however there are a large number of other configurations available.

It is possible to create a number of pre-defined types for this door system. Please select the component, click the 'Edit Type' button on the head of the Properties dialogue box and duplicate the type providing a name that distinguishes the options you have pre-selected.

To access all of the user selectable features of the component simply select the component and refer to the Properties dialogue box which appears (typically on the left hand of the screen). Scroll down the tool bar to reach the 'Construction' heading. In this location you will find all of the user selectable options and features that the component offers (as illustrated).

Door Options

The Door component offers a variety of options with regards to the configurations and options available. These have been incorporated as 17 user selectable drop parameters and tick boxes. If you wish to alter the configuration of the door from the default version you have loaded into your project, simply use the relevant dropdown/tick box and choose your required option. Click the apply button to activate the change.



Within the component there are:

- 10 Vision Panel Options
- 3 Vision Panel Frame Options
- 1 Tick Box to activate the Vision Panel
- 1 Acoustic Seal Tick Box Option
- 3 Hinge Options
- 1 Internal Thumb Turn Handle Option
- 1 Internal Door Handle and Escutcheon Option
- 3 Handle Options
- 1 Tick Box to activate External Handle
- 2 Handle Back Plate Options
- 3 Locket Options
- 1 HTM Fire Disk Tick Box Option
- 7 Fire Signage Options
- 3 Fire Rating Options
- 4 Door Stop Options
- 1 Tick Box Option to activate metal door frame (Swiftfit)
- 1 Tick Box Option to activate hardwood door frame
- 6 Door Closer Options

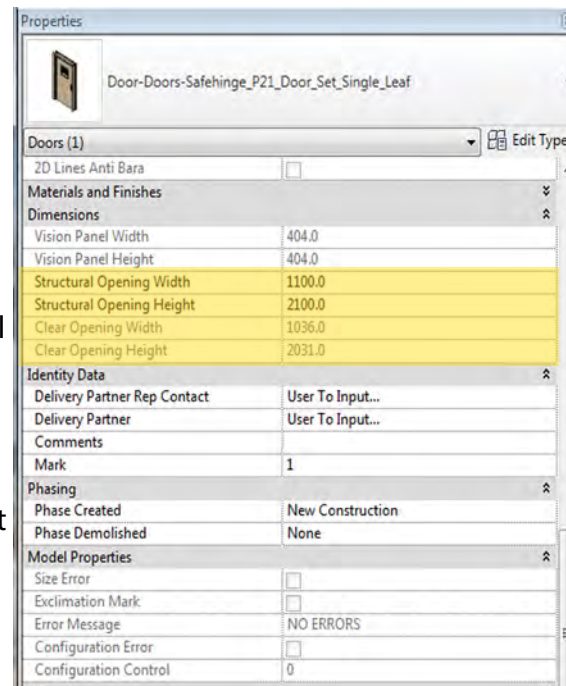


Using the Safehinge Component continued

Door Height and Width

These components also have a number of parameter options that can be easily adjusted. This are illustrated below. Simply select the door and navigate to the 'Dimensions' section of the properties dialogue box and find the 'Structural Opening Height' and 'Structural Opening Width' parameters. Here you can enter the desired value into the box and then click apply and the door will adjust appropriately.

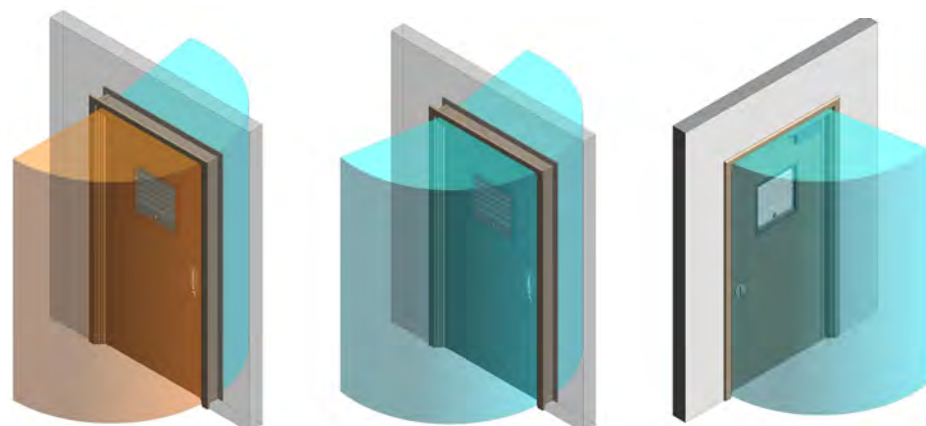
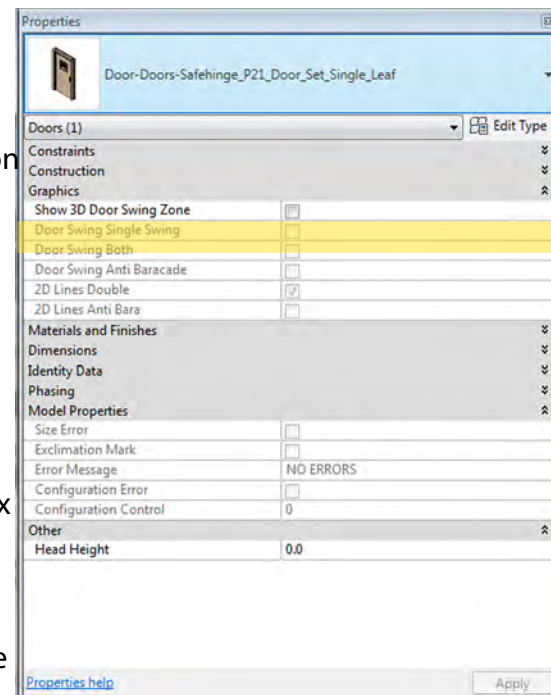
Within the 'Dimensions' section of the component there are 2 parameters that will supply you with dimensions for the clear opening width and height of the door. These are calculated automatically when the 'Structural Opening Height' and 'Structural Opening Width' are adjusted.



3D Swing Zones

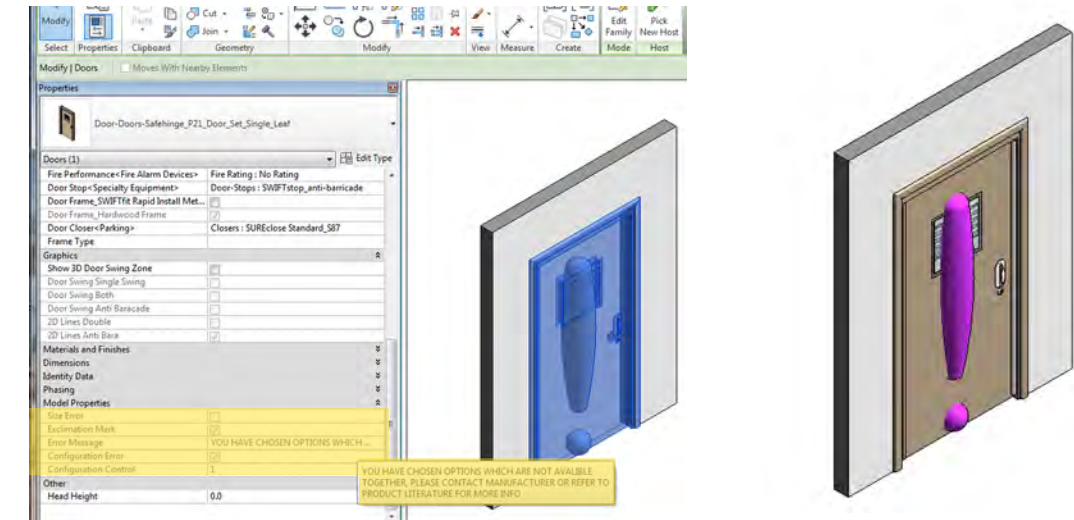
These components are created with an option to activate a 3D swing zone. This option may be used for clash detection purposes and for visualising the opening angle of the door. To activate this option select the door and navigate to the 'Graphics' section of the Properties dialogue box. Then simply select the 'Show 3D Swing Zone' tick box and click 'Apply'.

Standard swing 3D swing zone will appear in a Blue Colour and will be only shown on the swing side as standard. However these options are linked to the type of 'Door stop' that is selected from the 'Construction' section of the properties dialogue box. If an Anti-Barricade door stop is selected, an additional swing zone will appear in Orange on the other side of the door to symbolise this option. In addition, if there is 'No stop' selected, there will be 2 Blue 3D door swings visible when the 'Show 3D Door Swing Zone' is turned on.



Error Messages

This component has a number of options to specify, however in some instances you cannot specify certain options together. To notify you of this there has been Rules built into the component that will make an exclamation mark (!) appear if the door is configured incorrectly. There is also a text parameter that will give a brief description of the cause of the error.



Configurations that are unavailable are:

- SWIFTstop Door Stop option with a Hardwood Frame. (SWIFTfit Frame only)
- Internal Handle and Escutcheon Tick Box and Internal Thumb Turn Handle Tick Box Ticked together

There are also rules built into the error message section to limit the size of the door leaf depending on the Fire Rating that has been selected. Max Leaf Sizes for each Fire Rating is as follows:

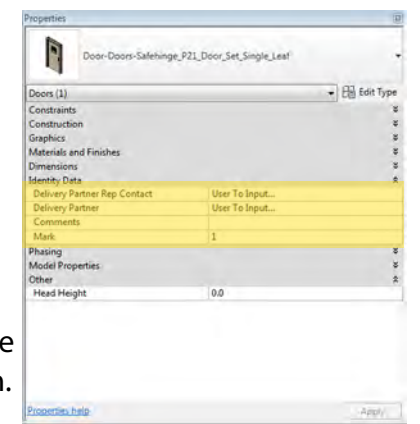
- No Rating = 1500mm wide x 2700mm high
- FD30 = 1105mm wide x 2517mm high
- FD60 = 979mm wide x 2384mm high

Delivery Partner

Where applicable, there is the availability to specify the name of the delivery partner that will be supplying the Safehinge Doors to your site.

in this section you can enter the information of the Delivery Partner and the Rep Contact Details for Future Reference.

Select the component and Navigate to the Properties Dialogue Box and find 'Identity Data' you can then enter the information.



Notes:

You can add the Safehinge component to your compant template file to ensure it is preload-ed when starting new projects in the future.