

RevitWorks Door Factory: Multiple User Configuration

Recommended configuration for the RevitWorks Door Factory Premium.

For different versions: substitute <2019> with the relevant version number.

The RevitWorks Door Factory has a multitude of components and settings that can be centralised to allow for the following:

• Multiple users can access the same components (Panels, handles etc).

Default Settings

Metric Components

- Shared Parameter mapping settings can be setup and maintained throughout the company without having to continually change each users settings.
- These "customisable" components and settings etc can be part of the company servers backup routine.

Door Factory Component Location

As well as this, the Door Factory relies on certain files that that reside on each users PC; these files can be copied between PC's:

- Auto Activation
- Default Values
- Default Naming
- Default Orientation

Recommendations:

	C:\ProgramData\RevitWorks\De	oor Factory 2	019\Components\M	etric	
	Imperial Components				
Centralise Family Components	C:\ProgramData\RevitWorks\D	oor Factory 2	019\Components\Im	nperial\	
	Parameter Mapping				
	Map Parameters				
	Conversion File Location				
Centralise Parameter Mapping Settings	C:\ProgramData\RevitWorks\D	oor Factory 2	2019\DF Shared Par	rameter Conversion	Edit
	Clearance Diagrams				
	Allow diagrams to be added	to doors			
	Clearance Diagram Location				
<u>Centralise Clearance Diagrams</u>	C:\ProgramData\RevitWorks\D	oor Factory 2	2019\Clearance Diag	grams∖American ADA	
	Default Values				
	Metric (millimeters) Imp	erial (decim	nal inches)		
Copy Default Values to users PC's	PARAMETER NAME	DEFAULT	COMMENTS		^
COPY Delault values to users PCS	ACTION				
	Pivot Offset	60	For pivot doors		
	JAMB				
	Jamb Depth Specified	100	For all jambs when	jamb doesnt match th	he wall thickness
	Jamb Width	20	For all jambs		
	Jamb Head Width Specified	40	For jamb head whe	en different than side j	jamb
	Jamb Protrusion Past Wall	20	For Jambs that wra	p the wall	
	Doorstop Width	20	For rebated and sto	op jambs	
	Doorstop Depth Specified	40	For stop jambs whe	en not centred on jam	b
	PANEL				
	Panel Protrusion into Opening	0	For all Sliding door	rs except for reverse s	sliders
	Panel Width	810	For all doors		
Copy Default Naming to users PC's	Secondary Panel Width	810	For standard double	e doors	
Open Default Orientation to years DOle	Non Equal Primary Panel Width	810	For curtain panel d	ouble doors	
<u>Copy Default Orientation to users PC's</u>	Panel Height	1980	For all doors		~
Auto Activation			Default O	rientation	Default Nami
			Help	Cancel	OK

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Centralising Family Components

- 1. During the installation process, all of the Door Factory family components (panels, handles, trims and user components) get installed to C:\ProgramData\RevitWorks\Door Factory 2019\Components
- 2. Copy this component directory (and all subdirectories and files within it) onto a networked location of your choice within your company server.
- 3. Within the "Default Settings", change the Door Factory component locations to your new location (metric and imperial sub-directories) as below:

D	Default Settings	\times
	Door Factory Component Location Metric Components C:\ProgramData\RevitWorks\Door Factory 2019\Components\Metric	
	Imperial Components C:\ProgramData\RevitWorks\Door Factory 2019\Components\Imperial\	

Alternatively, you can manually change the directory setting files by editing the stored location within the following text files: C:\ProgramData\RevitWorks\Door Factory 2019**ComponentDirectory_M.txt** for the metric component location C:\ProgramData\RevitWorks\Door Factory 2019**ComponentDirectory_I.txt** for the imperial component location You can update other users by overwriting the text files (as above) on their PCs with your updated ones. DO NOT move or rename these .txt files, the Door Factory relies on them.

Centralising Parameter Mapping Settings

Your Shared Parameter File			
C:\ProgramData\RevitWorks\ANZRS_C5	_SharedParameterList_An	chitectural_110613.txt	
Parameter Mapping			
DOOR FACTORY PARAMETERS	TYPE	CONVERT TO	^
OVERALL	ß		
Clear Opening Width	Length	No Conversion	~
rwcalc_Reporting Wall Width	Length	No Conversion	~
PANEL			
Panel Width	Length	No Conversion	~
Panel Height	Length	No Conversion	~
Panel Thickness	Length	No Conversion	~
Panel Undercut	Length	No Conversion	~
Pivot Offset	Length	No Conversion	~
Secondary Panel Width	Length	No Conversion	~
Secondary Panel Thickness	Length	No Conversion	~
Non Equal Primary Panel Width	Length	No Conversion	~
rwcalc_No of Panels	Integer	No Conversion	~
JAMB			
Doorstop Width	Length	No Conversion	~
Doorstop Depth	Length	No Conversion	~
Doorstop Depth Specified	Length	No Conversion	~
Jamb Depth	Length	No Conversion	~
Jamb Depth Specified	Length	No Conversion	~
Jamb Width	Length	No Conversion	~
Jamb Head Width	Length	No Conversion	~
Jamb Head Width Specified	Length	No Conversion	~ ~

If/when you have mapped the Door Factory Parameters to your Shared Parameter file and names, all of those settings are saved within the following file:

C:\ProgramData\RevitWorks\Door Factory 2019\DF Shared Parameter Conversion\DF Shared Parameter Conversion.txt

- 1. Copy this .txt file directory onto a networked location of your choice within your company server.
- 2. Go to the Door Factory "Default Settings" and amend the "Conversion File Location" to point at the new location of the .txt file as below:

Default Settings	>
Door Factory Component Location Metric Components	
C:\ProgramData\RevitWorks\Door Factory 2019\Components\Metric Imperial Components C:\ProgramData\RevitWorks\Door Factory 2019\Components\Imperial\	
Parameter Mapping	
Midp Farameters Conversion File Location C:\ProgramData\RevitWorks\Door Factory 2019\DF Shared Parameter Conversion	Edit

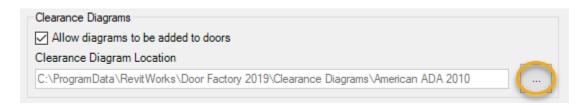
When you update this file location, the Door Factory saves that location within the following text file:

C:\ProgramData\RevitWorks\Door Factory 2019\ SPC File Location.txt

You can update other users by overwriting the text file (as above) on their PCs with your updated one. DO NOT move or rename this .txt file, the Door Factory relies on it.

Centralising Clearance Diagrams

- 1. During the installation process, all of the Door Factory clearance diagrams get installed to C:\ProgramData\RevitWorks\Door Factory 2019**Clearance Diagrams**
- 2. Copy this directory (and all subdirectories and files within it) onto a networked location of your choice within your company server.
- 3. Within the "Default Settings", change the Door Factory Clearance Diagrams location to your new location as below:



Alternatively, you can manually change the directory setting files by editing the stored location within the following text files:

C:\ProgramData\RevitWorks\Door Factory 2019\ ClearancesDirectory.txt

You can update other users by overwriting the text files (as above) on their PCs with your updated one.

DO NOT move or rename these .txt files, the Door Factory relies on them.

Copying Default Values

Defende Velvee

PARAMETER NAME	DEFAULT	COMMENTS	^
ACTION			
Pivot Offset	60	For pivot doors	
JAMB			
Jamb Depth Specified	100	For all jambs when jamb doesnt match the wall thickness	
Jamb Width	20	For all jambs	
Jamb Head Width Specified	40	For jamb head when different than side jamb	
Jamb Protrusion Past Wall	20	For Jambs that wrap the wall	
Doorstop Width	20	For rebated and stop jambs	
Doorstop Depth Specified	40	For stop jambs when not centred on jamb	
PANEL			
Panel Protrusion into Opening	0	For all Sliding doors except for reverse sliders	
Panel Width	810	For all doors	
Secondary Panel Width	810	For standard double doors	
Non Equal Primary Panel Width	810	For curtain panel double doors]
Panel Height	1980	For all doors	~

When you update the Default Values within the Default Settings dialog, the Door Factory saves these values within the following text files:

C:\ProgramData\RevitWorks\Door Factory 2019\ **DefaultValues_M.txt** for the metric default values

C:\ProgramData\RevitWorks\Door Factory 2019\ DefaultValues_I.txt for the imperial default values

You can update other users by overwriting the text files (as above) on their PCs with your updated ones. DO NOT move or rename these .txt files, the Door Factory relies on them.

Copying Default Names

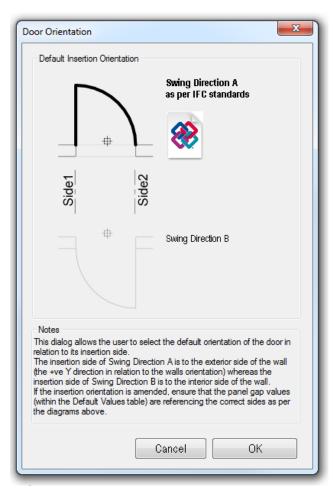
Curtain Panel D CP Door"A""B Placeholder Pr Select Placeho	1""C" efix	None	•			
If required, the Default door n placeholders. Placeholders r jamb, panel na	e default nam ames are ger epresent the ame etc) and	nerated from selections r are to be de	e the Family Name fi ered by the user bef n a formula consisting made for the door wi enoted in the formula	ore pressing t g of any comb thin the Door a within quotat	ne "Build Door" bu ination of plain text Factory (i.e. the ac ion marks (e.g. "A'	: and tion, ').
Default door n If required, the Default door n placeholders. Placeholders n jamb, panel na If the placehol	e default nam ames are get epresent the ame etc) and der item does holder prefix	e can be alt nerated from selections r are to be de s not exist in will be remov	ered by the user bef a a formula consisting made for the door wi enoted in the formula the door built by the ved from the default	ore pressing t g of any comb thin the Door I a within quotat e Door Factory	ne "Build Door" bu ination of plain text Factory (i.e. the ac ion marks (e.g. "A'	: and tion, ').
Default door n If required, the Default door n placeholders. Placeholders r jamb, panel na If the placehol and the placel	e default nam ames are get epresent the ame etc) and der item does holder prefix	e can be alt nerated from selections r are to be de s not exist in will be remov I placeholde	ered by the user bef a a formula consisting made for the door wi enoted in the formula the door built by the ved from the default	ore pressing t g of any comb thin the Door I a within quotat e Door Factory	ne "Build Door" bu ination of plain text Factory (i.e. the ac ion marks (e.g. "A'	: and tion, ').
Default door n If required, the Default door n placeholders . Placeholders r jamb, panel na If the placehol and the placehol See below for	e default nam ames are get epresent the me etc) and der item doet holder prefix a list of valid	e can be alt nerated from selections r are to be de s not exist in will be remov I placeholde	ered by the user bef a a formula consistin, nade for the door wi noted in the formula the door built by the ved from the default rs.	ore pressing t g of any comb thin the Door I a within quotat e Door Factory	ne "Build Door" bu ination of plain text Factory (i.e. the ac ion marks (e.g. "A'	: and tion, ').
Default door n If required, the Default door n placeholders. Placeholders r jamb, panel na if the placehol and the place See below for Placeholder	edefault nam ames are get epresent the me etc) and der item doet holder prefix to a list of valid Represet	e can be alt nerated from selections r are to be de s not exist in will be remov I placeholde	ered by the user bef a a formula consistin, nade for the door wi noted in the formula the door built by the ved from the default rs.	ore pressing t g of any comb thin the Door I a within quotat e Door Factory	ne "Build Door" bu ination of plain text Factory (i.e. the ac ion marks (e.g. "A'	: and tion, ').
Default door n If required, the Default door n placeholders. Placeholders r jamb, panel na See below for Placeholder 'A''	e default nam ames are get epresent the me etc) and der item doe: older prefix a list of valid Represet Action	e can be alt nerated from e selections r are to be de s not exist in will be remov I placeholder nts mary)	ered by the user bef a a formula consistin, nade for the door wi noted in the formula the door built by the ved from the default rs.	ore pressing ti g of any comb thin the Door I within quotat e Door Factory door name.	ne "Build Door" bu ination of plain text Factory (i.e. the ac ion marks (e.g. "A'	: and tion, ').

When you update the default naming formula, the Door Factory saves these values within the following text file:

C:\ProgramData\RevitWorks\Door Factory 2019\ Default_names.txt

You can update other users by overwriting the text file (as above) on their PCs with your updated one. DO NOT move or rename this .txt file, the Door Factory relies on it.

Copying Default Orientation



When you update the default orientation, the Door Factory saves these values within the following text file:

C:\ProgramData\RevitWorks\Door Factory 2019\

Default_ orientation.txt

You can update other users by overwriting the text file (as above) on their PCs with your updated one. DO NOT move or rename this .txt file, the Door Factory relies on it.

Important!

If unchanged, the door factory orientation defaults to Swing Direction A. We recommend that you use this orientation since it ensures compliance with IFC standards.

Auto Activation

On first use, the Door Factory requires activation. The easiest way of activating multiple users is to edit the following file:

C:\ProgramData\RevitWorks\Door Factory 2019\ autoActivationKey.xml

If you haven't got a .xml editor, just edit it within a text editor (i.e. Notepad).

To Edit, copy/paste your activation key carefully *within the speech marks*, overwriting the "Insert your activation key between these speech marks' text.

Example:

```
<?xml version="1.0" encoding="utf-8"?>
```

<root>

 $<\!\!autoActivationKey\,activationKey="Insert your activation key between these speech marks"/>$

</root>

becomes:

```
<?xml version="1.0" encoding="utf-8"?>
```

<root>

```
<autoActivationKey activationKey="xxxxx-xxxxx-xxxxx-xxxxx-xxxxx"/>
```

</root>

You can update other users by overwriting the xml file (as above) on their PCs with your updated one