

RevitWorks Door Factory: Multiple User Configuration

Recommended configuration for the RevitWorks Door Factory Premium.

For different versions: substitute <2017> 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:

C:\ProgramData\RevitWorks\Door Factory 2017\Components\Metric

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

Recommendations:

	Imperial Components			
Centralise Family Components	C:\ProgramData\RevitWorks\D	oor Factory 2	D17\Components\Imperial	
	Parameter Manning			
	Man Parametern			
	Conversion File Leastion			
Centralise Parameter Manning Settings				
bonnande i arameter mapping bottinge	C:\ProgramData\RevitWorks\L	Joor Factory 2	2016/DF Shared Parameter Conversion	
	Default Values			
	Metric (millimeters)	perial (decima	linches)	
	C Metric (minimeters)		a monody	
Copy Default Values to users PC's	PARAMETER NAME	DEFAULT	COMMENTS	^
	ACTION			
	Pivot Offset	60	For pivot doors	1
	JAMB			
	Jamb Depth Specified	100	For all jambs when jamb doesnt match the wall thickness	1
	Jamb Width	20	For all jambs	-
	Jamb Head Width Specified	40	For jamb head when different than side jamb	1
	Jamb Protrusion Past Wall	20	For Jambs that wrap the wall	1
	Doorstop Width	20	For rebated and stop jambs	
	Doorstop Depth Specified	40	For stop jambs when not centred on jamb	1
	PANEL			
	Panel Protrusion into Opening	0	For all Sliding doors except for reverse sliders	1
	Panel Width	810	For all doors	1
	Secondary Panel Width	810	For standard double doors	1
	Non Equal Primary Panel Width	810	For curtain panel double doors	1
	Panel Height	1980	For all doors	1
	Panel Thickness		The default value is read from the panel's family	1
Copy Default Naming to users PC's	TOLERANCES			
Copy Default Orientation to users PC's	Structural Tolerance	10	For all doors with jambs	
	Panel to Head Gap	1	For all doors with jambs except for surface sliding doors	×
Auto Activation				

Content that works

Default Naming

OK

Default Orientation

Cancel

Help

×

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 2017\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:

Default Settings	×
Door Factory Component Location Metric Components C:\ProgramData\RevitWorks\Door Factory 2017\Components\Metric Imperial Components	
C:\ProgramData\RevitWorks\Door Factory 2017\Components\Imperial	
Parameter Mapping	
Map Parameters	
Conversion File Location	
C:\ProgramData\RevitWorks\Door Factory 2016\DF Shared Parameter Conversion Edi	t

Alternatively, you can manually change the directory setting files by editing the stored location within the following text files: C:\ProgramData\RevitWorks\Door Factory 2017**ComponentDirectory_M.txt** for the metric component location C:\ProgramData\RevitWorks\Door Factory 2017**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_Ar	chitectural_110613.txt	
Parameter Mapping			
DOOR FACTORY PARAMETERS	TYPE	CONVERT TO	
OVERALL	5		
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 2017\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 2017\Components\Metric	
Imperial Components	
C:\ProgramData\RevitWorks\Door Factory 2017\Components\Imperial	
Parameter Mapping	
Map Parameters	
Conversion File Location	
C:\ProgramData\RevitWorks\Door Factory 2017\DF Shared Parameter Converse	ກີ [] Edit

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

C:\ProgramData\RevitWorks\Door Factory 2017\ 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.

Copying Default Values

PARAMETER NAME	DEFAULT	COMMENTS		
ACTION				
Pivot Offset	60	For pivot doors		
JAMB				
Jamb Depth Specified	100	For all jambs when	jamb doesnt match th	e wall thickness
Jamb Width	20	For all jambs		
Jamb Head Width Specified	40	For jamb head whe	n different than side ja	amb
Jamb Protrusion Past Wall	20	For Jambs that wrap	p the wall	
Doorstop Width	20	For rebated and sto	op jambs	
Doorstop Depth Specified	40	For stop jambs whe	n not centred on jamb)
PANEL				
Panel Protrusion into Opening	0	For all Sliding door	s except for reverse sl	iders
Panel Width	810	For all doors		
Secondary Panel Width	810	For standard double	e doors	
Non Equal Primary Panel Width	810	For curtain panel do	puble doors	
Panel Height	1980	For all doors		
Panel Thickness		The default value is	s read from the panel's	s family
TOLERANCES				
Structural Tolerance	10	For all doors with ja	mbs	
Panel to Head Gap	1	For all doors with ja	mbs except for surfac	e sliding doors
		Default Or	ientation	Default Naming
		Delault Of	ionation	Delaur Marting

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 2017\ DefaultValues_M.txt for the metric default values

C:\ProgramData\RevitWorks\Door Factory 2017\ 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	oors I''''C'' efix Ider Prefix	None						
Notes Default door n If required, the Default door n	ames simply default nam ames are ge	pre-populate le can be alt nerated from	e the Family Name ered by the user I n a formula consis	e field within before press ting of any c	the nar ing the combina	ning tab ''Build Do tion of pla	or" butto ain text ar	n. nd
Notes Default door n If required, the Default door n placeholders. Placeholders. Placeholders n imb, panel na if the placehol and the place See below for	ames simply default nam ames are ge epresent the me etc) and der item doe tolder prefix a list of valid	pre-populate e can be alt nerated from selections r are to be de s not exist in will be remov placeholde	e the Family Name ered by the user I a a formula consis made for the door enoted in the form the door built by ved from the defa rs.	e field within before press ting of any c within the D ula within q the Door Fa ult door nam	the nar ing the combina oor Fac uotation ctory, th ie.	ning tab "Build Do tion of pla tory (i.e. marks (e ne placeh	or" button ain text ar the actio .g. "A"). older text	n. nd t
Notes Default door n If required, the Default door n placeholders. Placeholders n If the placehol and the placehol and the placehol See below for Placeholder	ames simply default nam ames are ge epresent the me etc) and der item doe tolder prefix a list of valid Represe	pre-populate e can be alt nerated from selections r are to be de s not exist in will be remov I placeholder	e the Family Name ered by the user I a a formula consis made for the door moted in the form the door built by ved from the defa rs.	e field within before press ting of any c within the D ula within qu the Door Fa ult door nam	the nar ing the combina loor Fac uotation ictory, the	ning tab "Build Do tion of pla tory (i.e. marks (e ne placeh	or" button ain text ar the actio .g. "A"). older text	n. nd n,
Notes Default door n If required, the Default door n placeholders. P Placeholders. P laceholders n iamb, panel na If the placehol and the placehol See below for Placeholder "A"	ames simply default nam ames are ge epresent the me etc) and der item doe nolder prefix. a list of valid Represe Action	pre-populate ne can be alt nerated from selections r are to be de s not exist in will be remo- placeholder placeholder	the Family Name ered by the user I a formula consist ande for the door enoted in the form the door built by ved from the defa rs.	e field within before press ting of any c within the D ula within qu the Door Fa ult door nam	the nar ing the combina ooor Fac uotation ctory, th ie.	ning tab "Build Do tion of pla tory (i.e. marks (e ne placeh	or" button ain text ar the actio .g. "A"). older text	n. nd n,
Notes Default door n If required, the Default door n placeholders. P Placeholders. P Placeholders r iamb, panel na If the placehol and the placehol See below for Placeholder 'A" 'B1"	ames simply default nam ames are ge epresent the me etc) and der item doe older prefix a list of valid Represe Action Panel(Prir	pre-populative can be alt nerated from selections r are to be de s not exist in will be remove placeholder nts nary)	e the Family Name ered by the user I a a formula consis made for the door enoted in the form the door built by ved from the defa rs.	e field within before press ting of any o within the D ula within qu ult door nam ult door nam	the nar ing the combina loor Fac uotation ictory, th ie.	ning tab "Build Do tion of pla tory (i.e. marks (e ne placeh	or" button ain text ar the actio .g. "A"). older text	n. nd t
Notes Default door n If required, the Default door n placeholders. Placeholders. Placeholders in the placehol and the placehol and the placehol See below for Placeholder 'A" 'B1" 'B2"	ames simply default nam ames are ge epresent the me etc) and der item doe older prefix a list of valid Represe Action Panel(Prir Panel(Ser	pre-populati ine can be alt inerated from selections r are to be de s not exist in will be removi placeholder ints nary) condary)	e the Family Name ered by the user I a a formula consis made for the door enoted in the form the door built by ved from the defa rs. Notes	e field within before press ting of any c within the D ula within qu ula within qu ult door nam ult door nam	the nar ing the combina loor Fac uotation ctory, the	ning tab "Build Do tion of pla tory (i.e. marks (e ne placeh	or" butto sin text ar the actio .g. "A"). older text	n. nd t

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

C:\ProgramData\RevitWorks\Door Factory 2017\ 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 2017\

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 needs activation. The easiest way of activating multiple users is to edit the following file:

C:\ProgramData\RevitWorks\Door Factory 2017\ 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 text file (as above) on their PCs with your updated one