Door Factory Standard – Feature List

Feature list for the RevitWorks Door Factory Standard (and Standard Preview)

The Door Factory Standard is delivered as a Revit 2016 project (compatible with Revit 2016 onwards) full of pre-made standard and curtain-panel doors including a panel and handle library and instructions on how to manually swap in panels and handles if required.

Door Actions included (32 different door actions):

	Standard Version	Free Preview Version
Single Swing	✓	✓
Single Swing 2 way	✓	✓
Double Swing	✓	✓
Double Swing 2 way	✓	✓
Single Pivot	✓	-
Double Pivot	✓	-
Surface Sliders - 4 different leaf combinations	✓	-
Contained Sliders - 4 different leaf combinations including reverse (wardrobe) sliders	✓	-
Pocket (cavity) Sliders - 2 different leaf combinations	✓	-
Bi-Folds - 13 different leaf combinations	✓	-
Garage doors	✓	-
Hatch and Double Hatch (with jambs to all 4 sides)	✓	-

Usability Features (general use):

	Standard Version	Free Preview Version
Metric and Imperial versions	✓	✓
Standard Doors & (same) Curtain Panel Doors included	✓	✓
Swap in your own panels and handles, giving you unlimited combinations.	✓	✓
Elevation Swing indicators points to hinge or to handle to suit international graphic standards.	✓	✓
All Doors have built in Wall Alignment parameters that allow you to position the door within the wall. Align the Jamb (and or Panel where relevant) to the centre of the wall, exterior face or interior face. You can also create + or – offsets from these alignments.	✓	✓

Content that works

Usability Features (general use):

	Standard Version	Free Preview Version
Consistent and logical naming of all parameters in all doors created: Instance, Type & Family Wide parameters are formatted logically and hierarchically so they are easy to use on a day to day basis.	✓	✓
Appropriate use of schedulable shared parameters (including Clear Opening Width where Single and Double swing doors calculate their clear opening width)	✓	✓
Appropriate level of detail allowing for fast manipulation of doors and manageable parameter lists.	✓	✓
Appropriate use of sub-categories, allowing for different line-types and colors for elevation and plan swings	✓	✓
Curtain Panel Doors "look & feel" the same as Standard Doors	✓	✓
Curtain Panel Doors report the correct parameters required for scheduling with Standard Doors.	✓	✓
Plans swing can be shown as curved (arc) or straight.	✓	✓
Adjustable swing angles	✓	✓
Different swing angles for double door secondary panels	✓	✓
2 way swing doors can be shown with opposing swings	✓	✓
Single and double swing hinge doors can have symbolic offset hinges (represented in the symbolic plan swing).	✓	✓
Adjustable open % for sliding doors symbolic plan	✓	n/a
Plan arrow offsets for sliding doors symbolic plans to avoid conflict with adjacent modelled components or linework.	✓	n/a
Symbolic plan pivot offsets to pivot doors so the door pivot is readable at typical plan scales Hover over pivot doors to see the real swing extent.	✓	n/a
Adjustable fold angles for Bi-fold doors symbolic plan	✓	n/a
Symbolic plan layback to Bi-fold doors with two panel leaf combination to one side	✓	n/a
Door orientation conforms to IFC standards and "IFC Operation" parameters pre-populated	✓	✓
Families come prepopulated with one type – add your own	✓	✓

(continued)

Content that works

www.revitworks.com

Jambs:

	Standard Version	Free Preview Version
Doors come with the following Jamb profiles depending on their door action): Rebated Flat Hidden (behind the door panel) No Jamb	✓	✓
All jambs adjoin the wall (typical construction for wooden jambs)	✓	✓
Specify the head jamb width separately from the side jamb width if required	✓	✓
Pre-set Jamb Width or set to Match Wall Width.	✓	✓
Jamb offsets from wall alignments included (positive and negative values allowed).	✓	✓

Panels:

	Standard Version	Free Preview Version
Panel library included, with instructions on how to manually swap them into the doors: Panels include: Glass, Glass framed, Glass framed with transom, Glass with patches, Glass with rails, Glass with side patches, Solid, Solid horizontal panels x3, Solid horizontal panels x4, Solid panelled x4, Solid with kickplate, Vision panel, Vision panel round, Vision panel with kickplate.	✓	✓
Bonus content included: 20 additional designer panels curtesy of Parkwood Doors Ltd	✓	✓
Create your own panels and add them to the panel library.	✓	✓

Trims:

	Standard Version	Free Preview Version
Flat trims included when door has Rebated or Flat jambs	✓	✓
Instance parameters to show & hide trims on internal and external sides	✓	✓
Specify different finishes for internal and external trims separately	✓	✓
Trims can be offset from the base of the door, allowing for floor finishes to continue under them.	✓	✓

(continued)

Content that works

	Standard Version	Free Preview Version
Handles:		
Handle library included (not available for garage doors or some Bifold selections): Handles included: Digital lock, flush pull round edge, Flush pull square edge, Lever round, Lever square, Rectangular bar 1000mm long, Round bar 1000mm long, Round "D" 500mm long, Slider pull external, Slider pull internal, Round Knob (and imperial equivalents).	✓	✓
Create your own handles and add them to the handle library.	✓	✓
Can swap in handles and create different handles on either side and/or between primary and secondary panels	✓	✓
Instance parameters to show & hide handles.	✓	✓

What some of our customers have to say:

"The content that RevitWorks provides is of the highest quality I have seen when it comes to Revit families. Not only are they easy and intuitive to use on real world projects, but they are a massive time saver for any business serious about BIM. RevitWorks content is well worth the investment"

Samual McAlister -Senior Technical Sales Specialist, Autodesk Australia Pty Ltd

"RevitWorks families are thoroughly researched, industry tested and exceptionally reliable. This translates to efficiency for our documentation team and saves us from building content in-house. I have successfully implemented RevitWorks content in multiple firms and it is always well received from the team. It truly is content that works!"

Brad Strauss - BIM Manager, ClarkeHopkinsClarke Architects

"We are thoroughly impressed by this robust and user friendly suite of products. RevitWorks content has gained us countless hours in improved productivity which is priceless to our team. Will certainly be recommending the entire suite of tools to our other global offices."

Tien Vu - Department Manager, Architecture, Royal Haskoning DHV

"RevitWorks products helped to solve a major problem that all our users experienced; not having the component library to use Revit effectively. Not only do they help to address this but more importantly they have created a system to allow our users the ability to permeate their own variations …."

Jonathan Custance - Managing Director, Custance

Content that works

www.revitworks.com