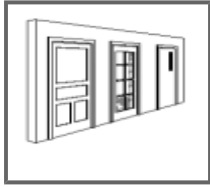


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Overview



Category Doors
Kind of Family Component
Description

The door category represents all doors for example, entry, access, egress, and industrial door systems. You create a door family with a Door Family Template, or with a hosted Generic Family Template, which you then assign to the Door Category in Revit. There are two Door Family Templates, one for typical wall hosted Doors and another for Curtain Wall hosted doors. Both have default parameters that control the height and width of the door. Revit constrains door height and width parameters by the Curtain Grid or Curtain Walls.

The wall hosted Door Template includes an Opening element to properly cut the wall when inserted, parametric trim, and directional flipping arrows to control door facing and swing. You normally place wall hosted doors in the project using the Door tool. For Curtain Walls, you 'swap' a door for a panel in the curtain wall at a desired location by changing the panel Type to the Type of the door. Both kinds of door schedule. All the doors delivered with Revit display closed in 3D and Elevation/Section, and open in plan via symbolic linework.

Suggested Name Convention

Pattern [Kind of Door]_[Application]_[Origin]_[Model]_[Dimensions and/or Values]_[Construction]_[Rating]_[Finish and/or Options]

Family Name Nodes and Typical Values

Kind-of-Element/Shape/Feature "Door_" Single-Flush | Double-Flush | Panel | Automatic
Application (Optional) Exterior | Exit | Interior | Interior-Exterior | Decorative | Storefront
Panel Operation (Optional) (A)ctive | (P)assive | (S)tationary
Origin AEC-Firm | Autodesk | Generic | Industry-Association | Manufacturer | Reed
Identity and/or Model (Optional) SKU | 1 | 2 | 3

Type Name Nodes and Typical Values

Dimension/Shape Height, Width, and Depth (**if applicable**)
Construction (Optional) Wood | Composite | Hollow-Metal
Finish and/or Options (Optional) Paint | Panic Bar | Hold-open

Worked Examples

Family Door_Double-Flush_AP_Reed.rfa
Type 72" x 84" _Hollow-Metal_Panic Bar
Complete Name Door_Double-Flush_AP_Reed: 72" x 84" _Hollow-Metal_Panic Bar

Reporting

Revit Schedules The Revit Door schedule reports all parameters and the default & shared room parameters the door opens into or away from
Quantity Take-Off In many cases the Count of Door Types is adequate for quantity take-off. For procurement, it may be necessary to group door counts by left or right hand swing. One way you can accomplish this is to add a 'hand' shared instance parameter to the door category, by which you refine grouping of the door take-off

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