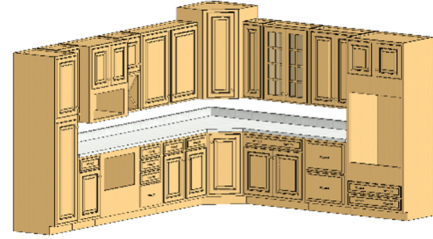


Casework Collection



Description

A collection of Revit casework families based upon a typical product line of manufactured cabinets available to home builders and home owners through distributors across the United States. Cabinets and accessories are designed for kitchens, baths, and other uses in a typical residential design project or any other project that will be specifying manufactured cabinetry.

This collection contains over 170 Revit families with over 1300 types/sizes/variations. This provides many different options for cabinetry and gives a solid foundation to design a kitchen or other area with standard cabinetry. Cabinetry families are built with flexibility to be modified to accommodate many different custom needs and appearances.

Cabinets with doors and/or drawers have the ability to have different door or drawer fronts for each instance of the cabinet being placed allowing for wide flexibility in cabinetry fronts within a project. Users can modify existing door/drawer families to get unlimited cabinetry appearances.

Design Characteristics

- Cabinet families and components are created as the “Casework” category.
- Parametric families are designed using Reference Planes to control graphical aspects of the design.
- Cabinets are built with flexibility to allow the user to make changes when required or desired.
- Families use the OmniClass Number of 23.40.35.11.11.
- Cabinets are non-hosted families.
- Door and Drawer front families are face-based families.
- Cabinets with doors and/or drawers have the ability to have different door or drawer fronts for each instance of the cabinet being placed allowing for flexibility in cabinetry fronts within a project.
- Wall cabinets are based upon having the height specified to the bottom of the cabinet.
- Wall cabinets and accessories that are typically mounted higher on the wall have invisible model lines extending down from the family so that the family will be seen when above the view’s cut plane.
- Families with more than a few types utilize a Type Catalog allowing the user to load just the types/sizes that they desire.
- Users have the ability to add additional types within families by duplicating an existing type and adjusting the appropriate parameters.

Parameters

Every cabinet family contains the following parameters for documentation purposes.

Designation

- Purpose:
 - Used in schedules for sorting or filtering.
- Type-based text Shared parameter.
- It is pre-populated with a value that is consistent with the purpose of the family.
- Listed under the **Identity Data** group.
- Designations
 - A = Accessories
 - B = Base Cabinets
 - C = Components
 - Nested door and drawer front families contain this value.
 - SB = Sink Base
 - V = Valance
 - VB = Vanity Base Cabinets
 - W = Wall Cabinets

Tag Text

- Purpose:
 - Used as text in labels on drawings and for scheduling cabinetry.
- Type-based text Shared parameter.
- Listed under the **Identity Data** group.
- It is pre-populated with the typical label for the specific family type and size selected.
- This parameter is easily modified by the Revit user if different text is desired.
 - A “Casework Tag-DBC” family tag is included which is used to tag the instance in the Revit view using this parameter.

The following parameters are included in the families when applicable and allow the user to change the appearance of the family.

Door Style

- Purpose:
 - Used to specific the nested door front family
- Instance-based Shared parameter using the family types of the Casework category.
- Nested families used in this parameter should have prefix of “Cabinet_Door”.
- Listed under the **Construction** group.

Drawer Style

- Purpose:
 - Used to specific the nested drawer front family
- Instance-based Shared parameter using the family types of the Casework category.
- Nested families used in this parameter should have prefix of “Cabinet_Drawer”.
- Listed under the **Construction** group.

Material Parameters

- All families are configured to have the material parameters use the **<By Category>** definition in the project file by default.

- All material parameters are instance-based so users can set each instance of the families to use different material definitions simply by highlighting the desired instances and changing the desired parameters.
- The following parameters control materials of components in the family and use the Material definitions that exist in the Revit project file.
 - **Cabinet Face Material**
 - Used to specify the faces of the cabinets
 - **Cabinet Material**
 - Used to specify all components of the cabinet family other than the faces.
 - **Door Face Material**
 - Used to specify the rails and stiles of the cabinet door.
 - **Panel Material**
 - Used to specify the panel component of the door or drawer.
 - **Hardware Finish**
 - Hardware components placed in the cabinet families use this parameter to specific the material in the nested family.

Construction

Cabinets are constructed with the following thickness for the listed components.

- 1/2" sides
- 1/2" bottoms
- 1/4" backs
- 1/2" plywood inset toe kick
- 3/4" fronts
- 3/4" drawer and door fronts
- Stiles and rails are typically 1-5/8" wide.

Cabinets do not contain interior components, such as shelves.

Graphics

Families are configured with the following graphic characteristics.

- Plan views have Symbolic Lines on the "Hidden Lines [projection]" subcategory to represent the outline of the cabinet.
 - Actual 3D cabinet graphics are not shown in plan view.
- In all views other than plan views, the actual 3D components are shown vs being shown as 2D linework.
- Front elevations views have Symbolic Lines on the "Elevation Swing [projection]" subcategory to represent the swing of the doors.
- Most families contain double flip controls allowing the user to flip the direction of the cabinetry when needed.
- Interior components are not shown.

Countertops

Countertop families are configured different than the cabinet families. Countertop families have the following characteristics.

- Families are of the Generic Models category.
 - Different countertop families can be joined to create many layout variations.
 - Included voids (when using the Cut command) will create holes in the countertop for sinks, cooktops, etc.
 - Countertop components are assigned to the “Countertop” subcategory.
- Countertop families have a Height parameter that specifies the top of the countertop above the associated level.
- Countertops have on/off visibility controls for each backsplash around the countertop.
- Countertops have a Designation parameter with “Countertop”.
 - This allows easy scheduling of countertops by filtering for this parameter value..
- Countertops have “Top Material” parameter and a “Backsplash Material”.
- Most families contain double flip controls allowing the user to flip the direction of the countertop when needed.

Family Configurations Included in the Collection

Base Cabinets

- Base Cabinet with Single Door
- Base Cabinet with Single Door and 1 Drawer
- Base Cabinet with Double Doors
- Base Cabinet with Double Doors and 1 Drawer
- Base Cabinet with Double Doors and 2 Drawers
- Base Cabinet with Butt Double Doors
- Base Cabinet with Butt Double Doors and 1 Drawer
- Base Cabinet with Butt Double Doors and 2 Drawers
- Base Cabinet with 3 Doors and 3 Drawers
- Base Cabinet with 2 Drawers
- Base Cabinet with 3 Drawers
- Base Cabinet with 4 Drawers
- Base Cabinet Filler
- Sink Base Cabinet with Double Doors and 1 Panel Front
- Sink Base Cabinet with Double Doors and 2 Panel Fronts
- Sink Base Cabinet with Butt Double Doors and 1 Panel Front
- Sink Base Cabinet with 3 Doors and 3 Panel Fronts
- Sink Base Cabinet with 4 Doors and 2 Panel Fronts
- Deep Sink Base Cabinet with Double Doors
- Deep Sink Base Cabinet with Butt Double Doors
- Base Microwave Cabinet with 2 Drawers
- Base Oven Cabinet
- Corner Base Cabinet with Angle Door
- Corner Base Cabinet with L-Shaped Door
- Blind Corner Base Cabinet
- Blind Corner Base Cabinet with Drawer
- Peninsula Base Cabinet with Single Door Each Side
- Peninsula Base Cabinet with Single Door Each Side and 1 Drawer
- Peninsula Base Cabinet with Double Doors Each Side
- Peninsula Base Cabinet with Double Doors Each Side and 1 Drawer
- Peninsula Base Cabinet with Double Doors Each Side
- Peninsula Base Cabinet with Double Doors Each Side and 1 Drawer
- Peninsula Base Cabinet with Double Doors Each Side and 2 Drawers
- Placeholder Base Cabinet with no doors or drawer and variable width

Base Cabinets-Universal

Universal Design cabinets have 6" x 8" toe kick and a height of 32.5" for accessibility.

- Universal Design Base Cabinet with Single Door
- Universal Design Base Cabinet with Single Door and 1 Drawer
- Universal Design Base Cabinet with Double Doors
- Universal Design Base Cabinet with Double Doors and 1 Drawer
- Universal Design Base Cabinet with Double Doors and 2 Drawers
- Universal Design Base Cabinet with Butt Double Doors
- Universal Design Base Cabinet with Butt Double Doors and 1 Drawer
- Universal Design Base Cabinet with Butt Double Doors and 2 Drawers

- Universal Design Base Cabinet with 3 Doors and 3 Drawers
- Universal Design Base Cabinet with 2 Drawers
- Universal Design Base Cabinet with 3 Drawers
- Universal Design Base Cabinet Filler
- Universal Design Sink Base Cabinet with Double Doors and Panel Front
- Universal Design Sink Base Cabinet with Double Doors and 2 Panel Fronts
- Universal Design Sink Base Cabinet with Butt Double Doors and 1 Panel Front
- Universal Design Sink Base Cabinet with 3 Doors and 3 Panel Fronts
- Universal Design Sink Base Cabinet with 4 Doors and 2 Drawers and 1 Panel Front
- Universal Design Deep Sink Base Cabinet with Double Doors
- Universal Design Deep Sink Base Cabinet with Butt Double Doors
- Universal Design Base Microwave Cabinet with 1 Drawer
- Universal Design Base Oven Cabinet
- Universal Design Base Plumbing Skirt
- Universal Design Corner Base Cabinet with Angle Door
- Universal Design Corner Base Cabinet with L-Shaped Door
- Universal Design Blind Corner Base Cabinet
- Universal Design Blind Corner Base Cabinet with 1 Drawer
- Placeholder Base Cabinet with no doors or drawer and variable width

Vanity Cabinets

- Vanity Base Cabinet with Single Door
- Vanity Base Cabinet with Single Door and 1 Drawer
- Vanity Base Cabinet with Butt Double Doors
- Vanity Base Cabinet with Butt Double Doors and 1 Panel Front
- Vanity Base Cabinet with 3 Drawers
- Vanity Base Cabinet Filler
- Vanity Sink Base Cabinet with Single Door and 1 Panel
- Vanity Sink Base Cabinet with Single Door 2 Drawers 1 Panel
- Vanity Sink Base Cabinet with Double Doors 2 Drawers and 1 Panel
- Vanity Sink Base Cabinet with 2 Butt Doors 3 Drawers and 1 Panel
- Vanity Sink Base Cabinet with 2 Butt Doors 6 Drawers and 1 Panel
- Vanity Sink Base Cabinet with Butt Double Doors and 1 Panel
- Vanity Sink Base Cabinet with Double Doors 2 Drawers and 1 Panel
- Vanity Sink Base Cabinet with Double Doors and 2 Panels
- Vanity Sink Base Cabinet with 3 Doors 2 Drawers and 1 Panel
- Vanity Sink Base Cabinet with 3 Doors and 3 Panels
- Vanity Sink Base Cabinet with 4 Doors 2 Drawers and 1 Panel
- Vanity Sink Base Cabinet with 4 Butt Doors 3 Drawers and 1 Panel
- Vanity Sink Base Cabinet with 4 Butt Doors and 2 Panels
- Placeholder Vanity Cabinet with no doors or drawer and variable width

Wall Cabinets

- Wall Cabinet with Single Door
- Wall Cabinet with Double Doors
- Wall Cabinet with Butt Double Doors

- Wall Cabinet Filler
- Wall End Angle Cabinet with Single Door
- Microwave Wall Cabinet with Double Doors
- Microwave Wall Cabinet with Double Doors and Shelf
- Blind Wall Cabinet with Single Door
- Blind Wall Cabinet with Double Doors
- Blind Wall Cabinet with Butt Double Doors
- Corner Wall Cabinet with Single Door
- Corner Wall Cabinet with Single Door and Tambour
- Corner Wall Cabinet with Single L-Shaped Door
- Peninsula Blind Wall Cabinet with 3 Doors
- Peninsula Blind Wall Cabinet with 3 Butt Doors
- Peninsula Wall Cabinet with Single Door Each Side
- Peninsula Wall Cabinet with Double Doors Each Side
- Peninsula Wall Cabinet with Butt Double Doors Each Side
- Placeholder Wall Cabinet with no doors or drawer and variable width

Specialty Cabinets

- Single Oven Cabinet with Double Doors and 2 Drawers
- Single Oven Cabinet with Double Doors and 3 Drawers
- Single Oven Cabinet with Double Doors and 4 Drawers
- Single Oven Cabinet with 2PR Double Butt Doors
- Single Oven Cabinet with 2PR Double Doors and 1 Drawer
- Single Oven Cabinet with 2PR Double Doors and 2 Drawers
- Single Oven and Microwave Cabinet with Double Butt Doors and 1 Drawer
- Double Oven Cabinet with Double Doors
- Double Oven Cabinet with Double Doors and 1 Small Drawer
- Double Oven Cabinet with Double Doors and 2 Small Drawers
- Tall Utility Cabinet with 2 Doors
- Tall Utility Cabinet with 2PR Double Doors
- Tall Utility Cabinet with 2PR Double Butt Doors
- Vanity Linen Cabinet with 2 Doors
- Vanity Linen Cabinet with 2PR Double Butt Doors
- Base Spice Drawer Cabinet
- Base Wine Rack Cabinet
- Storage/Wine Cube (Horizontal) with Multiple Openings
- Storage/Wine Cube (Vertical) with Multiple Openings
- Wine Storage Cabinet
- Desk Cabinet with Single Door and 1 Drawer
- Desk Cabinet with Butt Double Doors and 1 Drawer
- Desk Drawer Cabinet with 3 Drawers
- Desk Wastebasket Cabinet with Single Door
- Desk Kneehole Drawer Cabinet with 1 Drawer
- File Drawer Base Cabinet with 2 Drawers
- Pedestal Drawer Cabinet with 1 Drawer
- Furniture Drawer Cabinet with 1 Drawer

Accessories

- Angled Countertop Support
- Flat Panel Arched Valance
- Arched Valance
- Crown Valance
- Shaker Style Valance
- Straight Valance
- Finished Open Shelf

Components

These families are used as nested family components within other families.

- Doors
 - Basic Door
 - Basic Door with Lites
 - DBC Type 1 Door
 - Flush Door
 - Flush Door with Radius Edge
 - Shaker Door
- Drawer Fronts
 - Basic Drawer
 - DBC Type 1 Drawer
 - DBC Type 2 Drawer
 - Flush Drawer
 - Flush Drawer with Radius Edge
 - Shaker Drawer

Hardware

These families are used as nested family components within other families.

- Knobs
 - Round
 - Square
- Pulls
 - Arched
 - Arched with Flat Top
 - Cylindrical Bar
 - Rectangular
 - Wire

Countertops

- Straight length
- 2 legs at 90 degree angle to each other (L-Shaped)
- 2 legs at 90 degree angle to each other with 45 degree corner (L-Shaped)
- 2 legs at user-defined angle over 90 degrees (Modified L-Shaped)
- 3 legs at 90 degree angle to each other (U-Shaped)
- 3 legs at user-defined angle over 90 degrees (Modified U-Shaped)
- Island with curved end

- Island with curved side
- Island rectangular shaped
- Island rectangular shaped with waterfall end(s)
- Voids for use in countertops
 - For use in Countertop families
 - Ellipse shape
 - L-Shaped
 - Rectangular with square corners
 - Rectangular with radius corners
 - Round