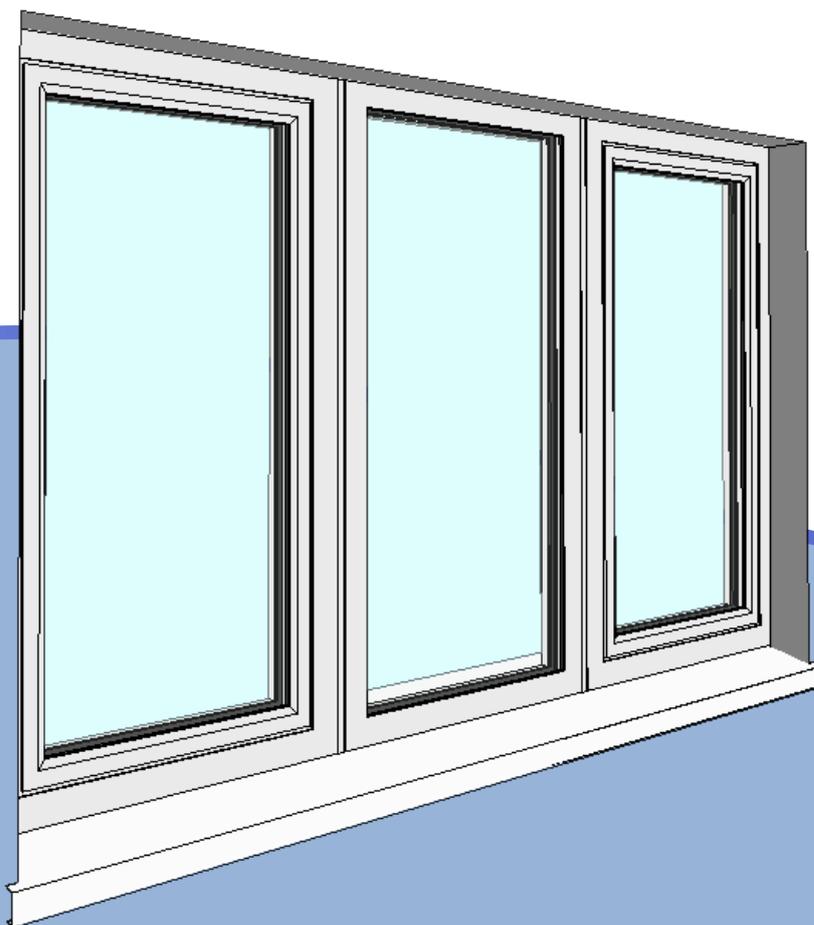




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## **GLISSADE 22 64mm WINDOW SYSTEM Revit Family Guide**

## **AWS Turner Fain – BIM Families.**

AWS Turner Fain have created content for use in Building Information Models. We have created these in the Autodesk Revit format 2013 and have adhered to parameters and guidelines from the NBS BIM Object Standards and Shared Parameters which include both COBie and IFC. Using our families will allow users to facilitate models to BIM Level 2.

The Glissade 22 64mm Window System is our first range to be created. This system comes in a Revit project file .RVT as it is configured to work as a Curtain Wall System Family and comes with four Curtain Wall Types.

- AWS Glissade 22 64mm with Coupling
- AWS Glissade 22 64mm without Coupling
- AWS Glissade 22 64mm Tilt & Turn with Coupling
- AWS Glissade 22 64mm Tilt & Turn without Coupling

Also Included is a Window Opening family to allow placement of Sills and Window Boards which also has a wall opening profile with adjustable inner and outer reveal thicknesses. This is a flexible means of adapting the opening to suit different wall construction methods and can be used to further develop other opening types should they be required. The window opening family is.

- AWS Glissade 22 64mm Wall Opening

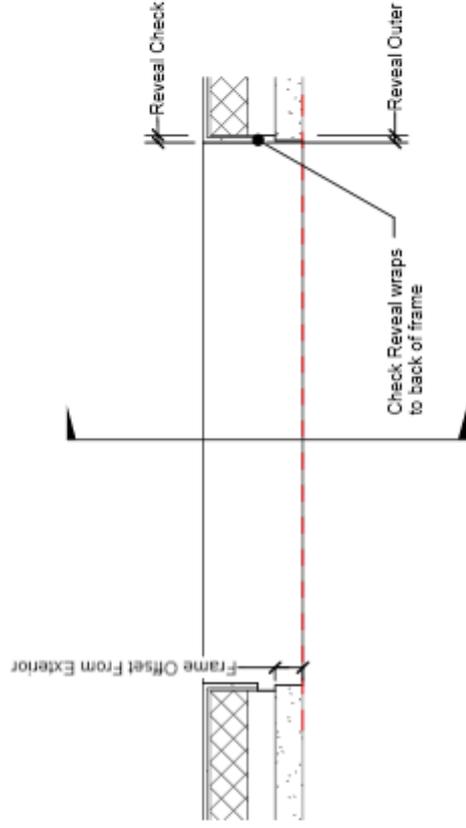
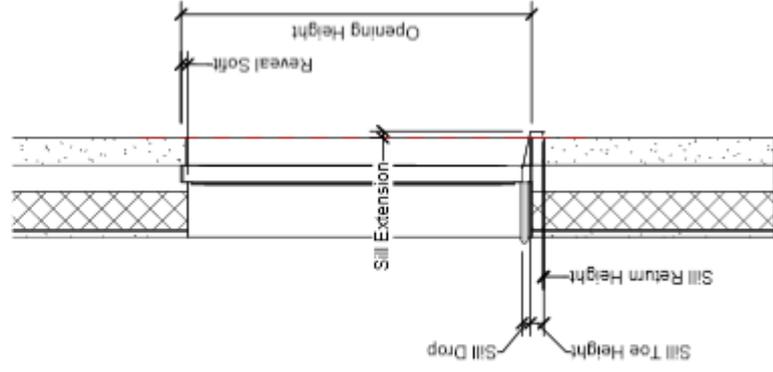
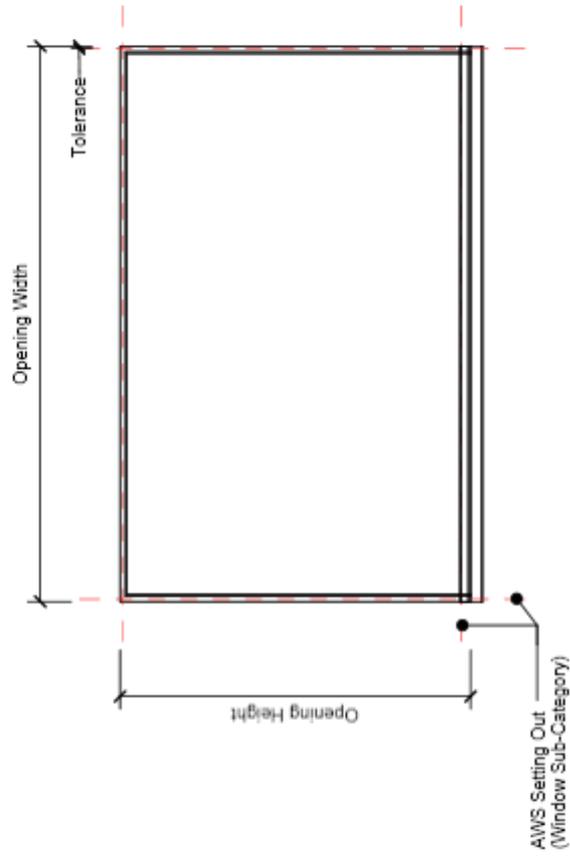
**NOTE:** Due to the nature of Parametric Families and the Curtain Wall System within Revit it is possible to create windows which cannot be manufactured. The content is provided with the intention of AWS verifying all elements for size and weight prior to commitment to order.

To ensure the correct usage of our Glissade 22 systems, it is advised that you should only use panels intended for the system you require as it is possible to interchange from one system to another. For example: Tilt & Turn panels should only be used in a Tilt & Turn System. A non Tilt & Turn vent should not be used in a Tilt & Turn System.

### **USAGE:**

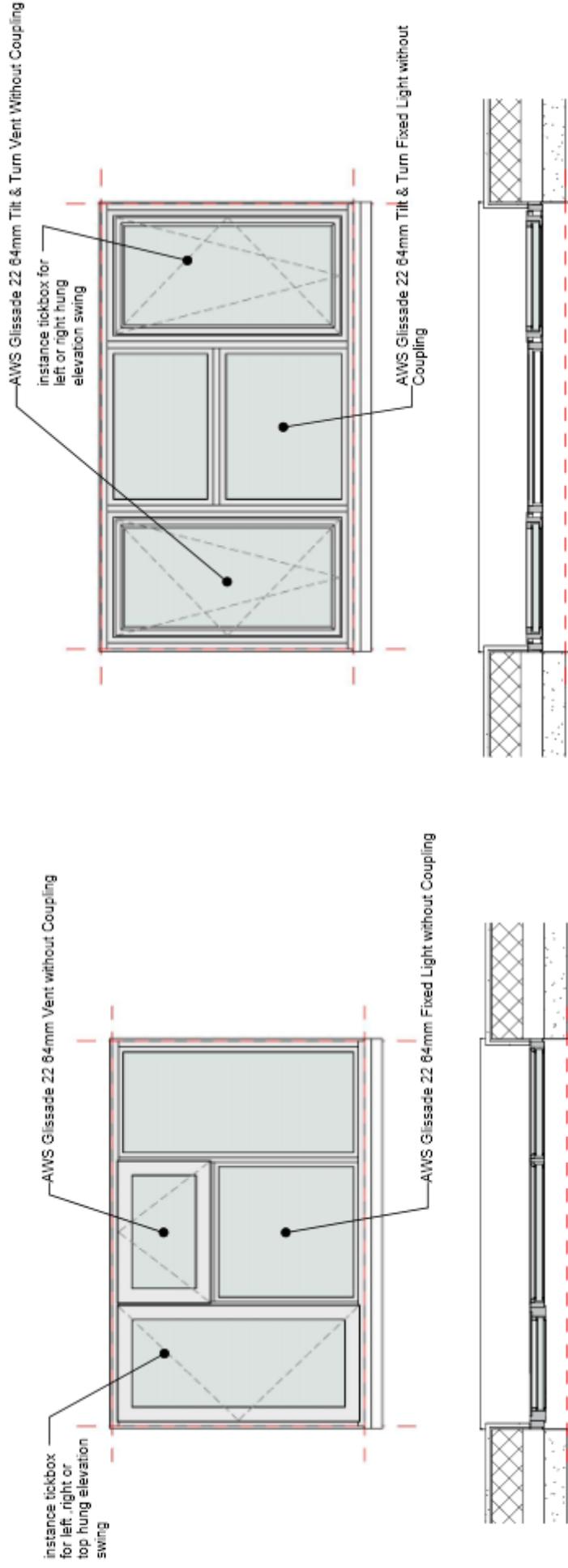
The following pages are drawings sheets from the supplied project of each window system including a step by step guide on how to add them to your project. They also include the parameter names explaining the dimensions which can be changed.

The Window panels are configured using 28mm Glazed units. These can be modified to suit all allowable glazing unit sizes from 24mm to 48mm. For optimum size and thermal data please refer to AWS Turner Fain.



**Note:**  
To transfer items from the supplied file, copy and paste to and from the clipboard.

Select the Window command to place a Window Opening in your wall and set the required parameters from the properties palette.



### AWS Glissade 22 64mm without Coupling

**Note:**

To transfer items from the supplied file, copy and paste to and from the clipboard. Select the Window command to place a Window Opening in your wall and set the required parameters from the properties palette.

AWS Window Units have been created using Revit Curtain Wall System Families.

Window Unit/Curtain Wall Panels have been created in 2 categories, with or without couplings. Only use the curtain panels with couplings in curtain wall systems with couplings.

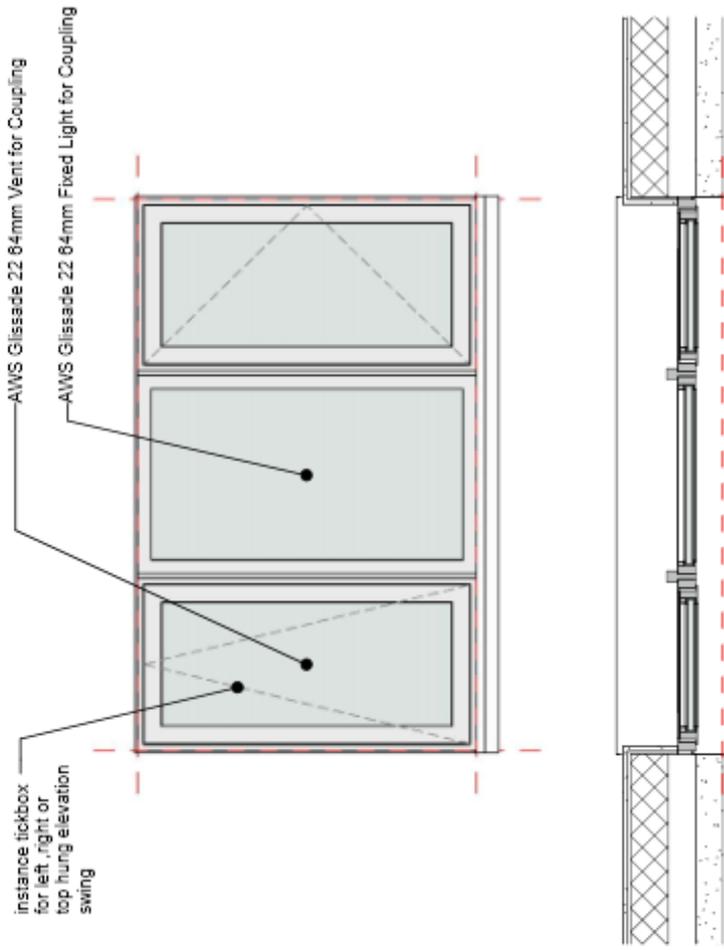
The AWS Window Unit Datum is set as Front of Frame.

Paste and place a Window Unit within the window opening. In an elevation align the outer edges of the window unit to the red AWS Setting Out lines. In a Plan View set the Front of Frame to be in line with the Frame Offset from Exterior dimension.

All mullions are configured in the AWS Window System. Use the Revit Curtain Grid command to create the mullion & transom positions.

Default Fixed Light panels are configured within the AWS Window System. To change a Fixed Light to an Opening Light, select and unpin the Fixed Light you wish to change, this will allow you to change its type from the type selector. In the properties panel change the Window Units hinge position to Left, Right or Top Hung.

### AWS Glissade 22 64mm Tilt & Turn without Coupling



### AWS Glissade 22 64mm with Coupling

**Note:**

To transfer items from the supplied file, copy and paste to and from the clipboard.

Select the Window command to place a Window Opening in your wall and set the required parameters from the properties palette.

AWS Window Units have been created using Revit Curtain Wall System Families.

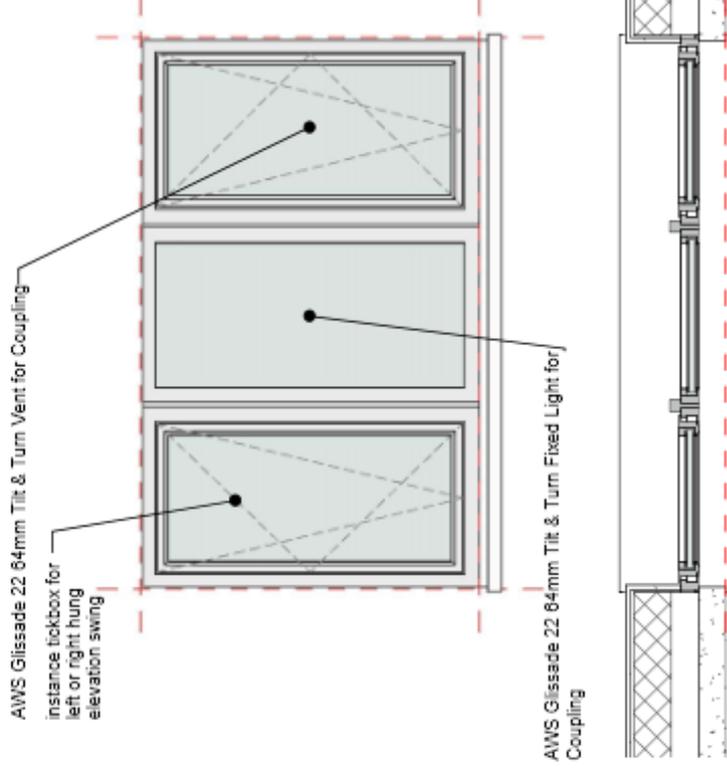
Window Unit/Curtain Wall Panels have been created in 2 categories, with or without couplings. Only use the curtain panels with couplings in curtain wall systems with couplings.

The AWS Window Unit Datum is set as Front of Frame.

Paste and place a Window Unit within the window opening. In an elevation align the outer edges of the window unit to the red AWS Setting Out lines. In a Plan View set the Front of Frame to be in line with the Frame Offset from Exterior dimension.

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Default Fixed Light panels are configured within the AWS Window System. To change a Fixed Light to an Opening Light, select and unpin the Fixed Light you wish to change, this will allow you to change its type from the type selector. In the properties panel change the Window Units hinge position to Left, Right or Top Hung.



### AWS Glissade 22 64mm Tilt & Turn with Coupling