

# Art und Umfang der Darstellung einstellen

You can control which parts of the building model are visible and how these parts look in BIM Explorer by using the **Project navigation** palette on the left side and the toolbar at the bottom of BIM Explorer.

By means of the **Project navigation** palette, you can show and hide entire specialist models, individual object types, or entire structural levels. By means of the toolbar, you can hide individual objects or isolate individual objects by making all other objects transparent.

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## Showing the Project navigation palette

The **Project navigation** palette gives you an overview of the data structure of the current project and its specialist models. By using the **MODELS** and **BUILDING STRUCTURE** areas in this palette, you control which objects are visible in full view. As the settings in these two areas overlap, BIM Explorer displays only objects that are *visible* in *both* areas.

In addition, you can use the **MODELS** area to make individual models or their subordinate object types transparent.

### To show or hide the Project navigation palette

#### This is only possible if ...

The Bimplus project is loaded in BIM Explorer (see "[Loading the building model into BIM Explorer](#)")

- Go to the left sidebar and click  **Show project details**.

You can see the **Project navigation** palette on the left side.



**Tip:** To hide the **Project navigation** palette, click  **Show project details** again.

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## Defining visibility and transparency across specialist models and object classes

You can use the **MODELS** area of the **Project navigation** palette to make the specialist models as a whole or the individual object classes therein visible, invisible, or transparent.



### To define visibility and transparency at model level

#### This is only possible if ...

The Bimplus project is loaded in BIM Explorer (see "[Loading the building model into BIM Explorer](#)")  
The **Project navigation** palette is open (see "[Showing the Project navigation palette](#)")

- Go to the required specialist model in the **MODELS** area and click  **Toggle visibility** or  **Toggle opacity**.

Or:

- Go to the **MODELS** area and open the tree structure for the required specialist model so that you can see the object classes. Go to the required object class and click  **Toggle visibility** or  **Toggle opacity**.

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## Defining visibility settings by means of the structural levels of the building structure


The **BUILDING STRUCTURE** area shows the hierarchical structure of each specialist model in accordance with the Allplan building structure or the specifications for the IFC format with the following levels: site (IFCSite), building (IFCBuilding), and story (IFCBuildingStory).

The Allplan drawing file structure is only available in Allplan. As this structure is defined neither in IFC nor in BIM, you cannot find it in Bimplus either. The same applies to the Allplan layer structure, which has a completely different meaning in BIM and IFC. Here, layers are primarily element characteristics.

### To define visibility by means of the building structure

#### This is only possible if ...

The Bimplus project is loaded in BIM Explorer (see "[Loading the building model into BIM Explorer](#)")  
The **Project navigation** palette is open (see "[Showing the Project navigation palette](#)")

1. Go to the **BUILDING STRUCTURE** area and open the tree structure for the model as far as the required structural level.
2. Click  **Toggle visibility** to change the objects in the structural levels from visible to invisible or from invisible to visible.



**Note:** The visibility settings in the **MODELS** area override the settings in the **BUILDING STRUCTURE** area. Consequently, only the objects of the models selected in the "MODELS" area are visible in full view.

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## Defining visibility and transparency at object level

To see all components of the building model, you can hide objects that cover these components.



As an alternative, you can isolate objects. This option is particularly useful for complex building models because you can focus on particular components.

## Hiding objects

### To hide objects

#### This is only possible if ...

The Bimplus project is loaded in BIM Explorer (see "[Loading the building model into BIM Explorer](#)")

1. Go to the toolbar at the bottom and click  **Hide objects** to select this tool.
2. Click the objects one after the other. You can hide as many objects as you want.
3. Click  **Hide objects** again to close this tool.

The objects you clicked are still hidden.



**Note:** To make all objects visible again, click  **Reset viewport**.


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## Isolating objects

### To isolate objects

#### This is only possible if ...

The Bimplus project is loaded in BIM Explorer (see "[Loading the building model into BIM Explorer](#)")

1. Click to select the object that you want to isolate. To select several objects, select and hold the Ctrl key while clicking the objects.
2. Go to the toolbar at the bottom and click  **Isolate working objects**.

This makes all other objects transparent so that you can see the selected objects only.



**Note:** To make all objects visible again, click  **Isolate working objects** again to close this tool.

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## Creating horizontal sections and vertical sections through the building model

You can create sections through the building model. These sections are parallel to the x, y, or z-plane. If you want, you can move the section plane so that it is perpendicular to the x, y, or z-plane.



**Note to Allplan users:** Allplan and Bimplus use different coordinate systems (z-axis in Allplan = y-axis in Bimplus; y-axis in Allplan = *negative* z-axis in Bimplus).

### To create a section through the building model

#### This is only possible if ...

The Bimplus project is loaded in BIM Explorer (see "[Loading the building model into BIM Explorer](#)")

1. Go to the toolbar at the bottom and click  **Sectioning the model**. Select the required section plane: **X**, **Y**, or **Z**.



**Note:** To turn off the section, click  **Sectioning the model** again.

2. *If you want to move the section plane:*  
Click to select the section plane and move it by dragging or by using the wheel button.

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