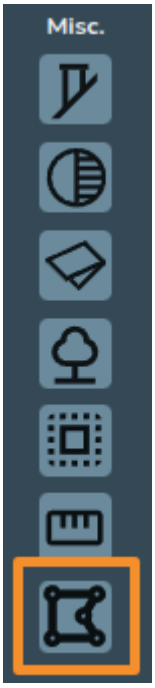
Irregular Buildings in 3D design mode

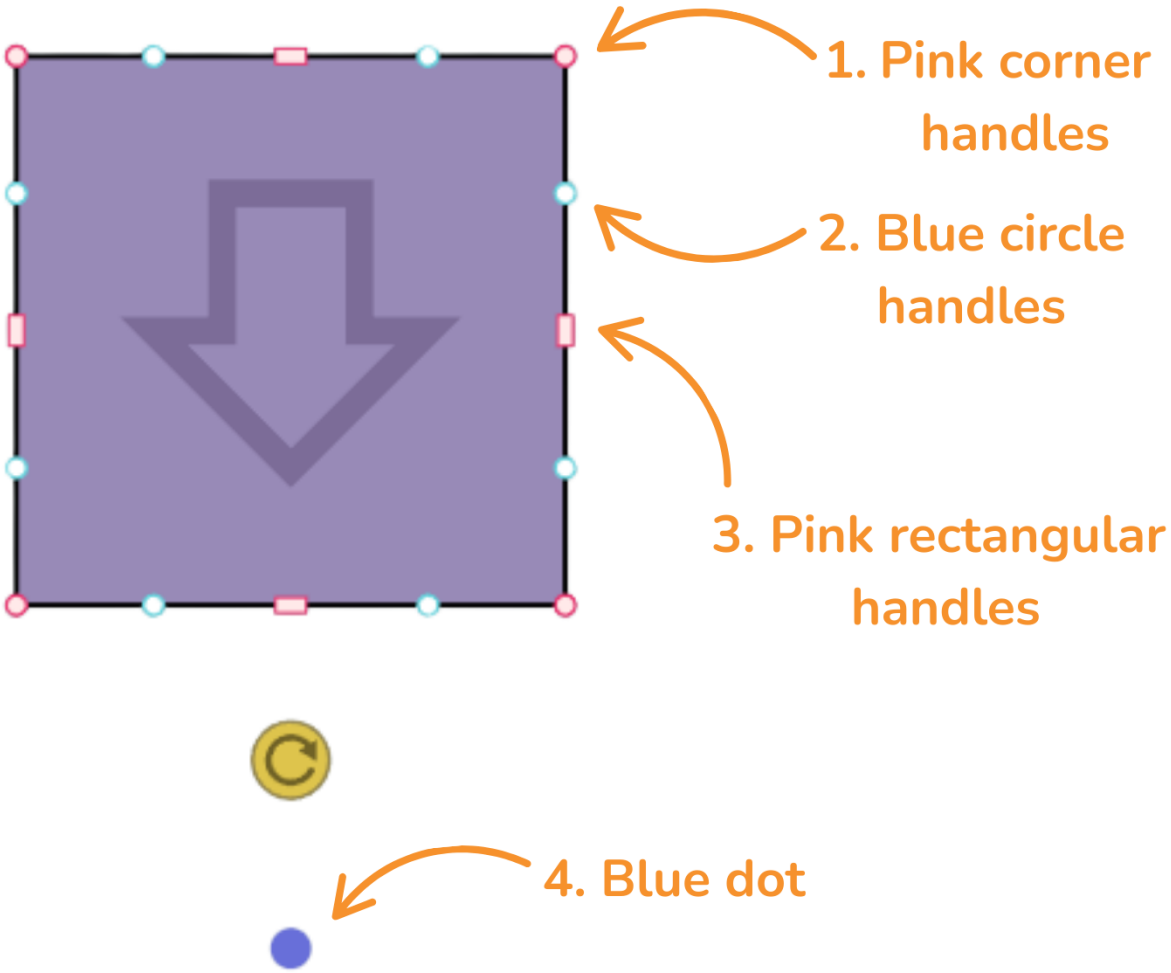
The irregular building tool allows you to create unusual roof shapes that cannot be modelled using the standard roof options.

Using irregular building tool

The irregular building tool can be found at the bottom of the Misc. section on the 3D left side-bar.



When creating a roof using the irregular building tool, there are a variety of additional handles you can use to accurately adjust the shape of the roof:



1. Pink corner handles

Click the **pink corner handles** to show dimensions of the associated roof sides. You can then click on the values to manually change these.

Click on the pink corner handles to use the following options:

- **Square corner handle:** Use to resize the roof whilst keeping the adjacent sides at the **same angle**
- **Circle corner handle:** Use to move that point **independently** of the other points to create angled sides
- **Delete:** Delete the corner. This option is only available if there are 4 or more corners on a roof

See Example 1.

2. Blue circle handles

Click and drag the **blue circle handles** to allow you to split a side and create irregular shapes.

These will then convert to pink handles which you can delete if needed.

See Example 2.

3. Pink rectangular handles

Use the rectangular handle to resize the roof. Click on the **pink rectangular handles** to toggle between a square and curved cornered handles:

- **Square cornered handle:** Use to extend a roof side out
- **Curved cornered handle:** Use to extend the adjoining rood side independently of the others. This will create new corners and sides which can be deleted by clicking on the corners and then the bin icon

See Example 1 and Example 2.

4. Blue dot

Drag the **blue dot** below the yellow rotation icon to indicate the direction that the panels will face. Whichever direction the arrow is facing is the panel and roof pitch direction.

See Example 1.

Examples

See below for some examples that demonstrate using the irregular building tool on actual roofs.

Example 1

https://www.youtube.com/embed/KNO8iM43D1E

Example 2

https://www.youtube.com/embed/BdH4Nj57c-g

Still Need Help?

- **Related FAQs:** Check out our Buildings and Roofs FAQs for answers to common questions
- **Live training:** Book onto a live 3D training session to request help with specific challenging properties

Contact Support: If you've got further questions, get in touch with our support team at **help@easy-pv.co.uk** (UK) or **help@easy-pv.ie** (IE). *If you are experiencing a bug, to help us look into your issue faster, please include the email address of your account, the name of the project and screenshots of any unexpected behaviour.*

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