PRO: Importing floor plans

A step by step guide to the importing plans feature in Heatpunk.

This feature is only accessible with a Heatpunk Pro subscription.

1. Click 'New Project' to launch a project as standard, setting the customer details, build date (affects ventilation rates used) address for the property.
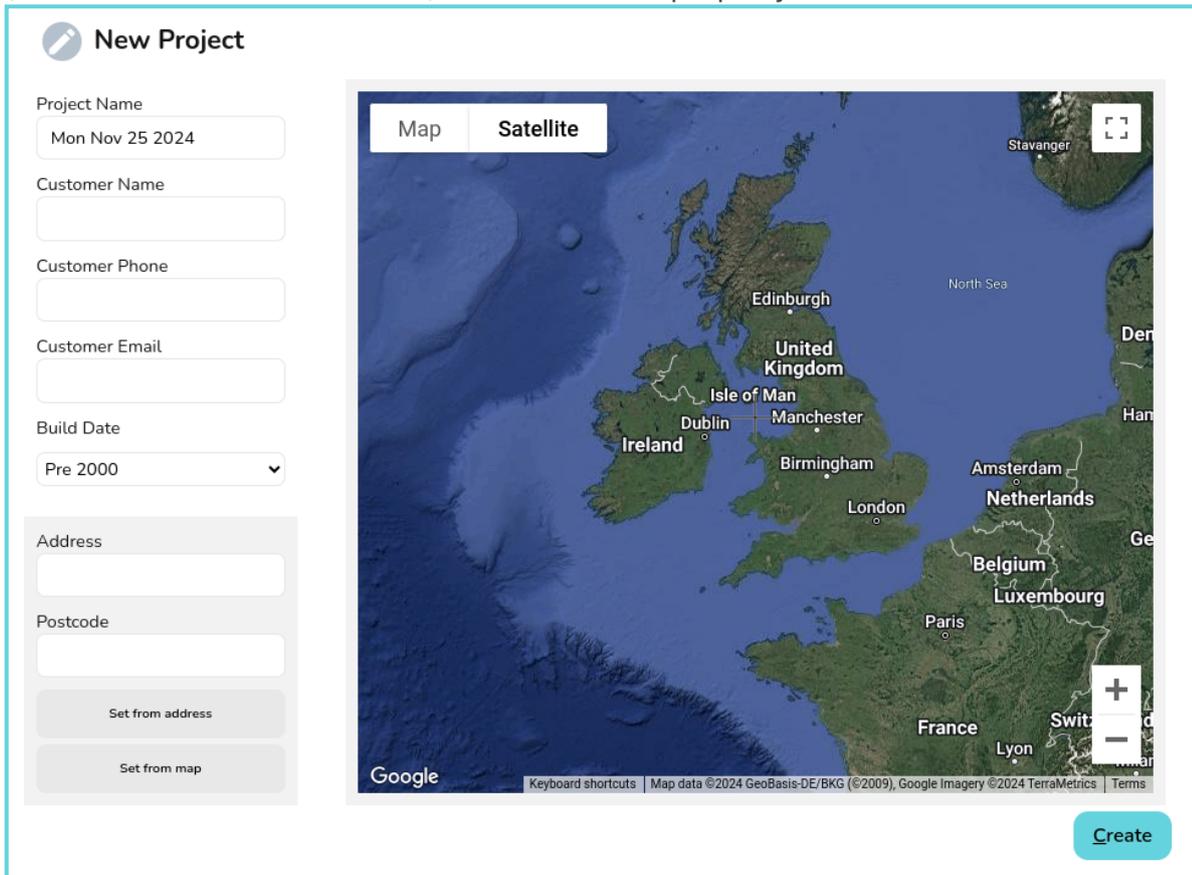
2. Choose your material palette: select from your own user or team palettes, Heatpunk defaults or start from fresh with the blank project palette to set the construction type (u-values) for all the building elements.

Choose Your Palette   Manage Palettes

No Presets	Heatpunk	Team
Blank project Start without palette	**Building Regs 2022 - Limit New Dwellings** 12 Materials	**Team 1** 19 Materials

User	User	User
06/11/24 25 Materials	**1** 31 Materials	**13/08/24** 24 Materials

3. Set default ceiling height and the floor name

Level Description

Fill out the details for this level. Add or edit the level name, and enter the default ceiling height.

Floor Name   Ground floor

Room Ceiling Height   2400   mm

Cancel   **Confirm**

4. Once at the start, on the building stage in the plans task, click on the 'Plan' Icon on the left hand side of the page:

5. Choose a PDF file to upload:

6. Use the purple reference length bar to set the scale: drag the reference length bar over to the plans scale or an object of known length. Set the size to match and then click on the dimension to enter the relevant value. Ex: below the scale represents 5m, I've set the purple ref length bar against it and set it's dimensions to 5m.

0   5 M

5.00 m Scale: 1:100

7. Start adding in the rooms: you can drag on your rooms as you normally would in Heatpunk, but now you can overlay them onto the background plans. Once you've aligned the walls will automatically scale to be the correct size.

2300 mm

Independent Bedroom

2400 mm

3752 mm
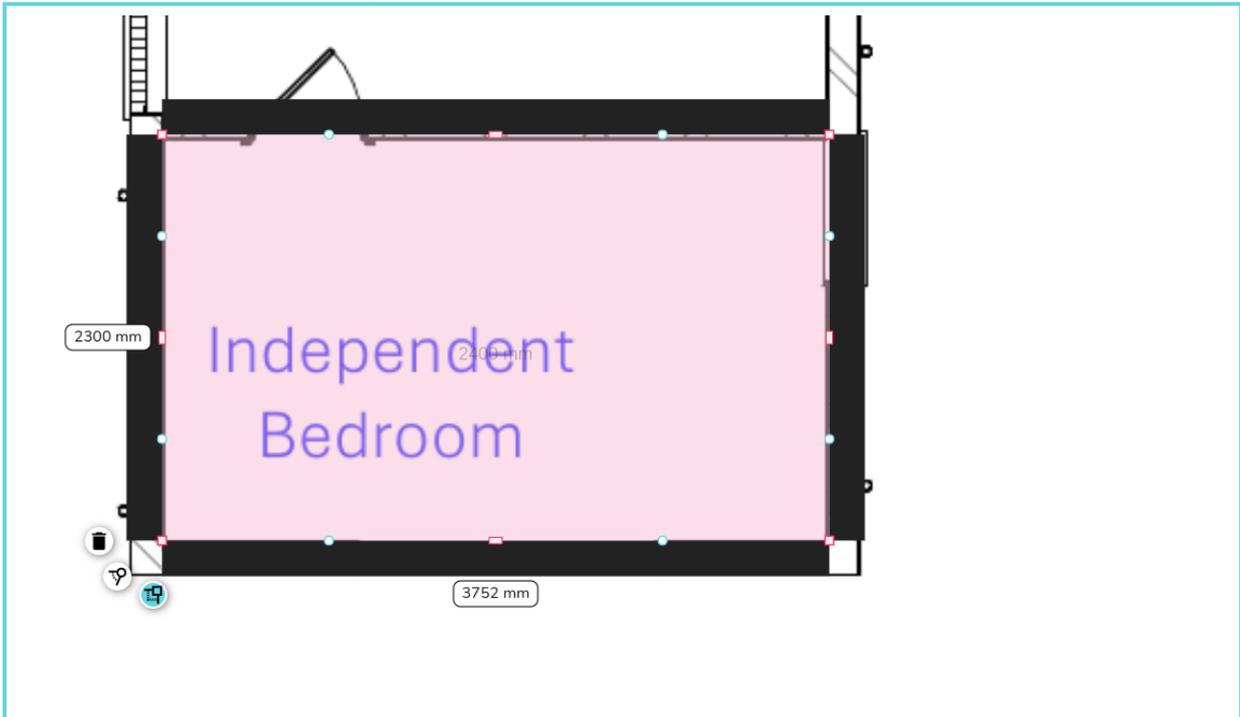
8. Continue adding rooms to build up your floor plans. Clicking to the side of rooms, or on walls will turn off the transparency and allow you to see the rooms as normal to select wall type, room type, etc. Clicking a holding for 2 sec on the room will turn it back to the transparent mode so you can see the plans behind again.

9. Once you've done your ground level, you can add in a level above. When you add a new level, click the 'Plan' button to import the relevant PDF.
10. Once your plan is uploaded you will need to align this with the rooms below. To do this, double click on the plans to select them, once selected you can move them. As you move the plans they will become transparent allowing you to see the outline of the rooms below. This should allow you to line up the plans correctly.
11. Then it is just a case of checking your scale is still correct (if the two PDF's have the same scale it should already be correct), and then continuing to create your plans.
12. Once you've finished, you can set wall types, room types, add windows, doors and existing rads before proceeding to the heat pump task.