

Measuring 'Scaled' PDF Images of Plans and Drawings

Note that the drawing images must be enabled to be measured or the measuring tool will not be available.

Open the image in the Browser or in Adobe Reader. (This will depend how your PC is set up.)

General Commands for using Adobe Reader

To rotate the image right - click Control, Shift and the plus keys together

To rotate the image left – click Control, Shift and minus key together

You may need to zoom in to at least 50% size to read the scale for the part of the drawing you wish to measure. Many of the A0 drawings on our website have different objects at different scales so you will need to change the scale to suit.

Scales

Drawing Scale	Measuring Scale
1:20	1cm = 0.2m
1:25	1cm = 0.25m
1:50	1cm = 0.5m
1:100	1cm = 1m
1:200	1cm = 2m
1:500	1cm = 5m
1:1000	1cm = 10m
1:1250	1cm = 12.5m
1:2500	1cm = 25m
1:5000	1cm = 50m
1:10000	1cm = 100m

Measuring



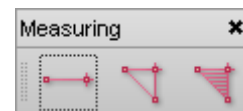
If there is **not** a small box with a ruler in it,

Right Click the tool bar immediately above the drawing.

Select More Tools

Scroll down and click (tick) Measuring Toolbar*

Click OK and the small box with a yellow ruler in it should appear.



Click the yellow ruler in the small box and the measuring Toolbar should appear. - You can drag this to the tool bar above the drawing.

Click the relevant icon – for measuring Distance, Perimeter, or Area – in the measuring toolbar.

If the Units and Markup settings box appears, set the scale using the table above as a guide, otherwise:

To set or change the scale

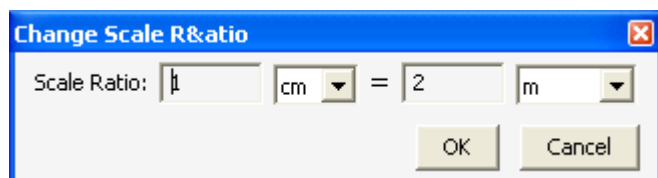
Select (Click on) the line, triangle or shaded triangle in the Measuring toolbar depending on what you want to measure.

Click the first point you wish to measure from

Before you drag the cursor to the next point, right click – a list of options should appear

Choose **Change Scale Ratio**

This box should appear




Enter the scale you want for this particular measurement. The example is for a scale of 1:200


Click OK


Continue with measuring. Double click finishes the selection of points

To cancel an operation before you have finished, hit the Esc key (I don't know how to delete a measurement after it is completed.)

Then, for further measuring, do any of the following:

Select the Distance tool  to measure the distance between two points. Click the first point, move the pointer to the second point, and then click again. The measurements appear in the tool dialog box.

Select the Perimeter tool  to measure a set of distances between multiple points. Click each point you want to measure. Then, double-click the last point, or hold the pointer over the last point and click.

Select the Area tool  to measure the area within the line segments that you draw. Click each point you want to measure. After you have clicked at least two points, click the first point to complete the area measurement.

Note: You can also finish a measurement by right-clicking/Control-clicking and choosing Complete Measurement from the context menu.

You can save the image with the added measurements.

Setting Adobe Reader so it opens PDF images instead of the Browser

Select Preferences from the Edit menu

Select Internet from the categories box

Make sure "Display PDF in browser" is not selected

Click ok and close down the Adobe Reader application

Also close down any internet sessions you have open

You might have to restart your computer