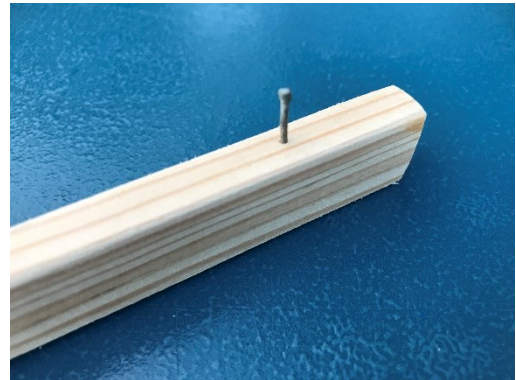
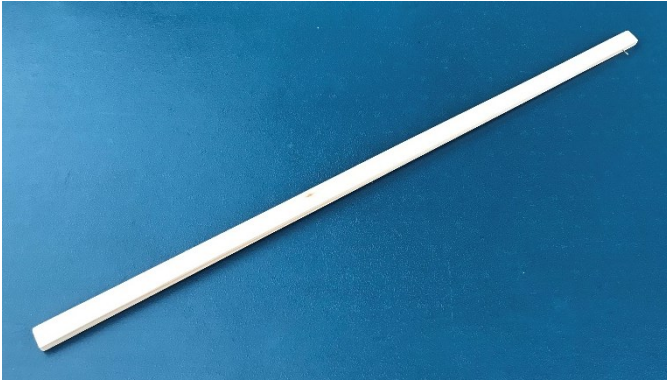




Squaring Rod

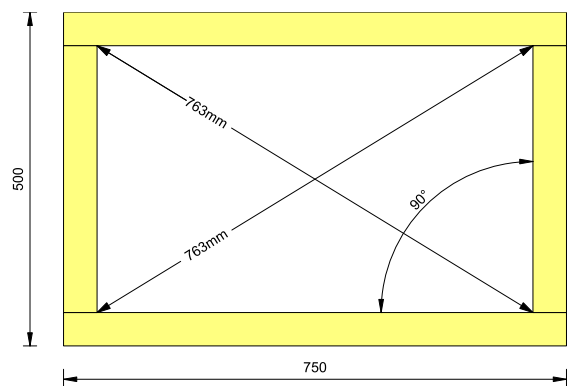
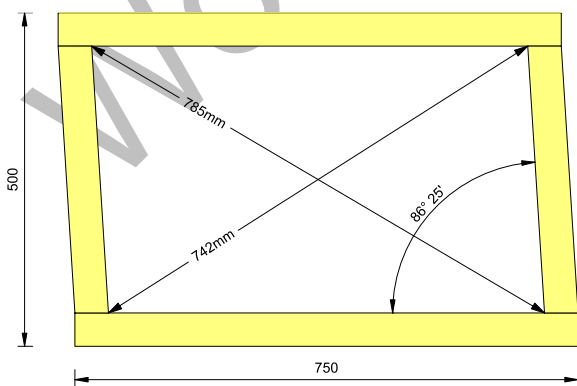


Function

A squaring rod is used to check the diagonals of a frame, if they are equal you know the frame is square.

Description

Whilst commercially available pinch sticks, or squaring rods are available, as shown at the bottom of the next page, it is just as easy to make your own. The rod can be quite a small sectional size of timber, such as 12mm x 6mm and either have a pin inserted in one end, or the end shaped to a point. The pin, or point, is then located in one corner and the diagonal length marked on the rod, the alternate diagonal is then checked against this original mark. If there is a longer diagonal, this will need to be 'squeezed' together until the two diagonals are of equal length. The diagrams below show how diagonals need to be of equal length for the frame to be square. Diagonals can also be measured with a tape measure, although the rod method is easier and more accurate.





Pinch rods, as shown below, are a more sophisticated version of the same idea. These can be purchased or made. Personally, I find the rod with a small pin inserted the easiest to use of all the methods, although you will need to erase markings from the rod in due course.



Health & Safety

n/a