

# CORRECTLY MEASURE FRAMES

## PROJECT: #25207

### Difficulty Rating:



### What you will need:

- 1 x Artwork
- 1 x Mitre Saw
- 1 x Ezy Measure System



#10120 Universal Mitre Saw Proman



#10128 Complete Measuring System Base

The accurate cutting of the correct length of framing moulding is a key part of the framing process. Mitre cutting one side for a frame is easy. Cutting the second side to be identical in length as the first is when most mistakes occur. To be able to achieve perfect mitre cuts and identical lengths you will need an accurate saw and ideally an accurate measuring system. Here we will show you how to get the best results from a saw only, and a saw and measuring system combined.

Firstly, you will need a good quality saw, and the best saw to use is a combined mitre box and suspension saw. The best of these on today's market is the Swedish Nobex Proman Saw. This is a hand operated saw with a choice of blades. It is more accurate than most and therefore you will achieve a better result. Electric powered saws are not ideal for cutting small or highly decorated, delicate moldings.

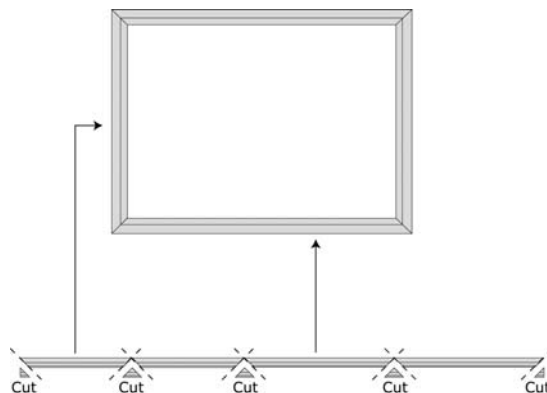
### Instructions

The simple formula for calculating the length of moulding required to produce a picture frame.

Add the length (L) and height (H) of the overall mount size, then double this sum, then add ten times the width (W) of the moulding being used. This takes care of the waste generated by making the 8 mitre cuts, plus a small margin for errors. Before you cut - you must allow a small amount of clearance or play so that your artwork fits into the frame easily, (it should never be a tight fit), so add 3mm (1/8") to the length of each side - a total of 12mm or 1/2".

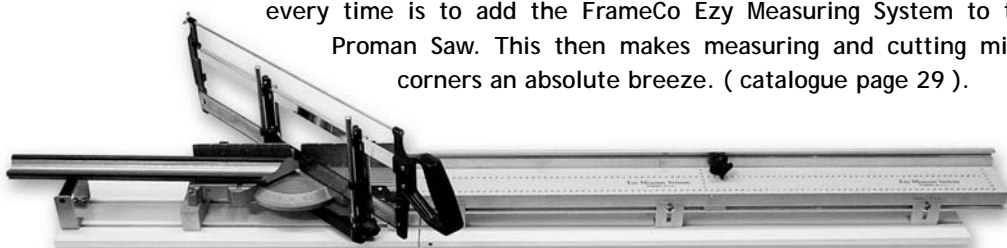
$$\text{Total Required} = (L+H) \times 2 + 10 \times \text{Moulding Width} + 12\text{mm clearance}$$

1. When using the saw, position the moulding with the rebate facing out and the flat back down on the saw bed. Cut the manufactured end off at the first 45 degrees, turn the saw to cut the second 45 degrees. Measuring along the back edge of the moulding, make a mark at the required length. This length is the size of the artwork plus twice the width of the moulding. This is necessary because we are cutting at 45 degrees. Make the mark on the top edge of the moulding so you can see it prior to cutting. Perfectly align the blade on the mark and cut the mitre.



2. Next turn the blade back to the infeed or left side. Cut off the waste material, which is the first mitre for the second side. Using the first side as a template, make a mark on the back edge of the second piece of moulding, then align the saw blade with that mark and cut the second piece. Repeat the above steps for the remaining two sides.

A much quicker, easier and less stressful way to achieve identical lengths every time is to add the FrameCo Ezy Measuring System to the Proman Saw. This then makes measuring and cutting mitre corners an absolute breeze. ( catalogue page 29 ).



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