

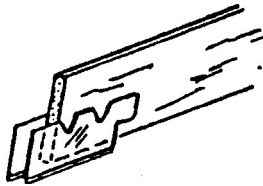
Thin Tissue Stripes

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Cyano a segment of broken carbon steel double edged razor blade to either side of pine or spruce stock which is thinner than the strips you want by the thickness of the razor blade. If you must use a stainless steel blade be sure to hone the burr from the cutting point. Also use care to not leave much unsupported blade, 0.050" to 0.060" is enough.

If thin strips of wood (about 0.030" thick) are cyano cemented outside the blades they will be held better and the blade will not rub the straight edge as you cut. Bond two sheets of tissue, dull sides together, with nitrate dope and let dry on a piece of glass or smooth metal. Lay tissue on a thick pad of newspaper, place a sheet of thin bond paper over the tissue and push down hard with your straight edge. Now you can cut yards of tissue strips that will be of constant width and strong because they are two ply and you remembered to cut with the grain of the tissue. It is possible to dispense with the bond paper but if the cut gets a little deep, the handle will grab the (tissue) strip and spoil that cut. Paul McIrath uses UHU stick adhesive to attach the two ply tissue strips to his models as acetone might cause lamination failure. Acetone works well with single layer strips but you have the disadvantage of working with an easy to tear strip. If you use acetone, let tissue laminate dry at least 48 hours before mounting tissue strips. This technique has been used to make strips as thin as 0.015" wide and think would work down to 0.010" maybe less.

Thickness of tissue strip will be equal to thickness of handle plus one blade thickness



Handle is spruce or pine. 2 pieces of double edge razor blade broken to a point. Cyano blades to handle and cyano a thin wood strip the shape of handle over blade to prevent dulling blades on straightedge.