

WINDOW STOOLS



Almost everyone you talk to about window trim calls this a window sill, it's not, it is a [window stool](#).

Sills are on the outside of a window or door and they have a slope. Window sills have an $1\ 1/4^\circ$ slope; door sills have a $5\ 1/2^\circ$ slope.

Remember sill, fill, hill, they all have a slope to them. Stools are flat and level.



This is the bottom frame of a wood window. This dado you see is for stop to be inserted and then the plasterer can roll the corners over to the wall and create a round corner that

meets the stool radius we are attaching.

We are going to attach a window stool to this bottom frame.



I scribed a pencil line on the back of the stool and drove in four 4p galvanized finish nails and these will serve as dowels to align the stool with the window frame. The nails are $3/8$ " down and $1/8$ " holes I will drill in the center of the stool, and this aligns the stool with the window frame and will keep it in place.

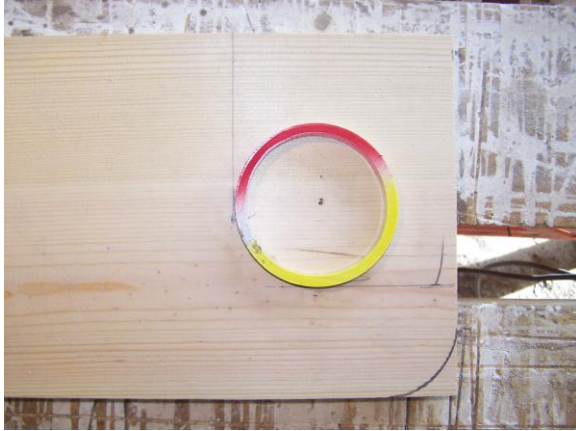
We could have used biscuits but I didn't one with me and you can do it with finish nails.

I use a c-joint (celebrated joint) on these stool edges because the frame already has a rounded over corner.

A celebrated joint has two rounded over joints meeting and creates a small v type joint. This looks better and saves the trouble of trying to hide the joint with a sanded butt joint.

The first thing you do is to get the stool width, the width of the window frame you are going to, then measure the depth of the window frame to the wall. I had a

6." depth on this window (the perpendicular line at the top) and I put a 5" horn (2½" of depth on the horn) on these stools (the parallel line) then



I cut a wafer of 3" pvc and used this to mark the rounded corner and then I rounded the corner of the horn.

If your window has a regular drywall bullnose, use a piece of 1" pvc and it will mark a perfect round corner, because drywall bullnose has a 5/8" radius (1¼ diameter), the same radius as the outside of the 1" pvc.

You simply cut and rip a board 9" wide and 10" longer than the window frame, mark the window frame width in the center of the back, mark the wall depth and you have a 2½" horn left. You can do this on aluminum windows or wood windows.



On the right side I have sanded with 220 paper and a random orbit sander, on the left of the line is not sanded.

You can see the sheen the planer knives left when they melted the resin in the wood; this sheen is melted resin that has dried.

It will not absorb stain or finish as well as a sanded piece of wood. The stain and finish will lie on top.

Don't forget this.

This is an easy project to do, just remember the basics of measuring and sanding. I use a hand sander with 220 on it, sanding with the grain, to get a slick finish, and remember the name of the member.

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Bob Johnston, carpenter