

WOOD CHIPS



Northwest Indiana Woodworkers Association

Volume 25, Issue 9 September 2020

President's Ramblings

Greetings Fellow Woodworkers, Happy September everyone. It is pumpkin spice season already. I Hope all of you are safe, Julie and I are out visiting our son on the west coast so I will try to keep this short.

September Program is your **FAVORITE AND LEAST FAVORITE TOOL**. This is always fun to see what you are doing in your shops testing new tools or simply what is your go to tools that you use. Dust off that clunker tool that is taking up space and help out your fellow woodworker. Tell him or her why it was a bad or great investment. Also why you can't live without that special tool in your shop. This was a great turn out last year; I can't wait to see what is brought in for this year.

Our new meeting hall has plenty of room for any social distancing concerns and sanitizers are available.

We have decided to bring back the **Oktoberfest**. The Club will provide the brats buns and kraut at our October meeting. Beverage of choice can be obtained in the social quarters. We will have a sign-up sheet at the September meeting or you can email John Hunter or myself to get on the list. Our new meeting hall has plenty of room for any social distancing concerns and sanitizers are available. We can always use some help from our members to make this work.

NOMINATING COMMITTEE: October is knocking on the door, we need the nominating committee to start the process of gathering nominee's for this year's elections.

Message from Santa: The Toy Program is nearing it's deadline (November meeting). Time to start putting the finishing touches on the toys for the needy children. Also we need the names of the Charitable organizations with contacts and address of the organization you would like to see get these items. It will be your responsibility to get the items delivered to your organization(s). You can submit the names of organizations at our

next meeting or email them to John Hunter at john.b.hunter@frontier.com. November's meeting is when these toys are passed out and time is running short. Please help where you can and thanks to all members who have and are helping make a merrier Christmas for some needy children. Educational Raffle Tickets are still available. Drawing is held at the November meeting.

Enjoy this weather and Don't let your tools rust!

Your President,

Kevin Sturgeon

From the Program Chairman

The September program is the “Favorite or least favorite tool that you have”. Please show or describe your favorite or least favorite tool that you have acquired in your shop experience. If the tool is small enough, please bring it in, if not , you can bring a picture. Tell us what you like or dislike about it.

Thanks. Jeff Snellgrove

SHOW AND TELL



Jeff Snellgrove



Steve Bennett



Bob Miller



Kevin Sturgeon



John Hunter



Jon Robbins

PROGRAM

For our program Jon Robbins showed some of the toys he makes and gave tips on how to make them.



ITEMS FOR SALE

If you have any wood working related items that you wish to sell through the newsletter please contact John Hunter john.b.hunter@frontier.com Include a description and the price you are selling them for, also how you may be contacted.

If you are looking for a tool that another member would like to sell you can place a wanted ad in the newsletter, just contact John Hunter at john.b.hunter@frontier.com

2020

September 24th Membership Meeting at 143 South Hobart Road, Hobart IN 7:00 PM
PM Program Favorite/Least Favorite tools

October 5th Executive Board Meeting at 7 PM at 143 South Hobart Road, Portage

October 14th Committees Meeting at 143 South Hobart Road, Portage 7:00 PM

October 22nd Membership Meeting at 143 South Hobart Road, Hobart IN 7:00 PM

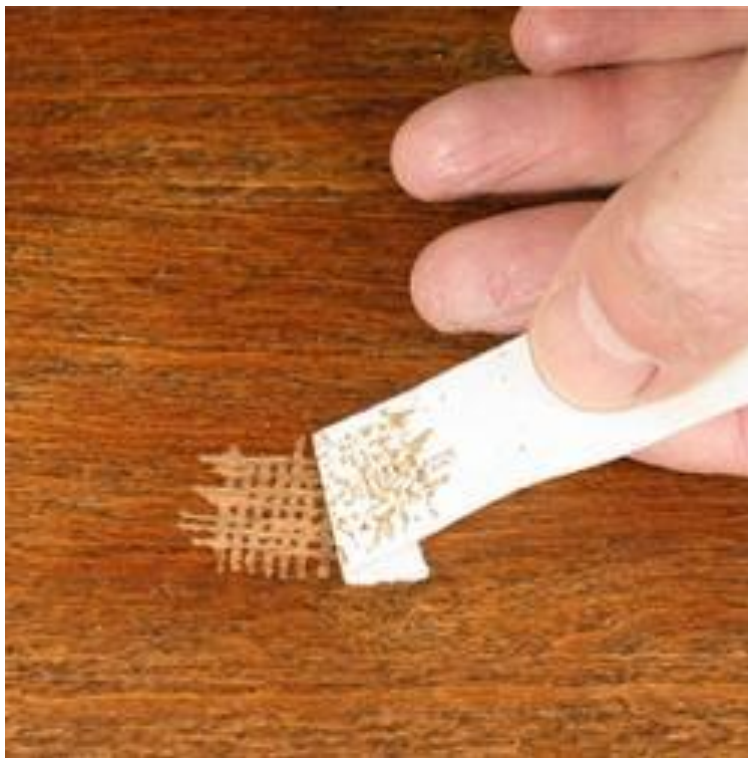
November 11th Committees Meeting at 143 South Hobart Road, Portage 7:00 PM

November 19th Membership Meeting at 143 South Hobart Road, Hobart IN 7:00
PM Toy Program
December 9th Committees Meeting at 143 South Hobart Road, Portage 7:00 PM
December 17th Membership Meeting at 143 South Hobart Road, Hobart IN 6:00
PM Christmas Party, Installation and Awards

Bob Flexner's Finishing Tips
<http://www.thefinishingstore.com/>

Cross-Cut Test for Adhesion

The proper test for determining if a paint or finish bonds well to the substrate, which could be just a previous coat of paint or finish, is called the cross-cut adhesion test. It is the standard that has been established by the American Society for Testing and Materials (ASTM).



First, score the coating with the razor blade in a cross-hatch pattern with about one-sixteenth inch between cuts. Then press the masking tape over the cuts and pull it up quickly. The test is shown in the accompanying picture. To be totally accurate, you need a special cross-cut tester (the cutting tool), which is expensive, and special tape. But very close approximations can be achieved with just a razor blade and masking tape.

You judge the bond by the degree to which the little squares stay intact. In the case shown, the bond is not good. Too much of the finish transfers to the tape.

An official scale of ratings can be found on the following website: http://www.allianceorg.com/pdfs/Epoxy_Coat_Test.pdf. But because it's relative, anyway, you will quickly learn to distinguish between good and bad without the chart.

The logic behind the test is to determine the resistance to separation when a coating is struck by a blunt object or has a coarse object dragged across it under pressure. You can imagine a child doing either of these.

Therefore, two instructions that I've seen recently for the test are not correct.

One puts the tape on the surface first, then makes the cuts through the tape. The other simply applies tape and pulls it up—no cuts. Neither provides accurate results. In fact, both would almost surely indicate perfect bonding, even if it were, in fact, really poor.

Corner Clamping Blocks

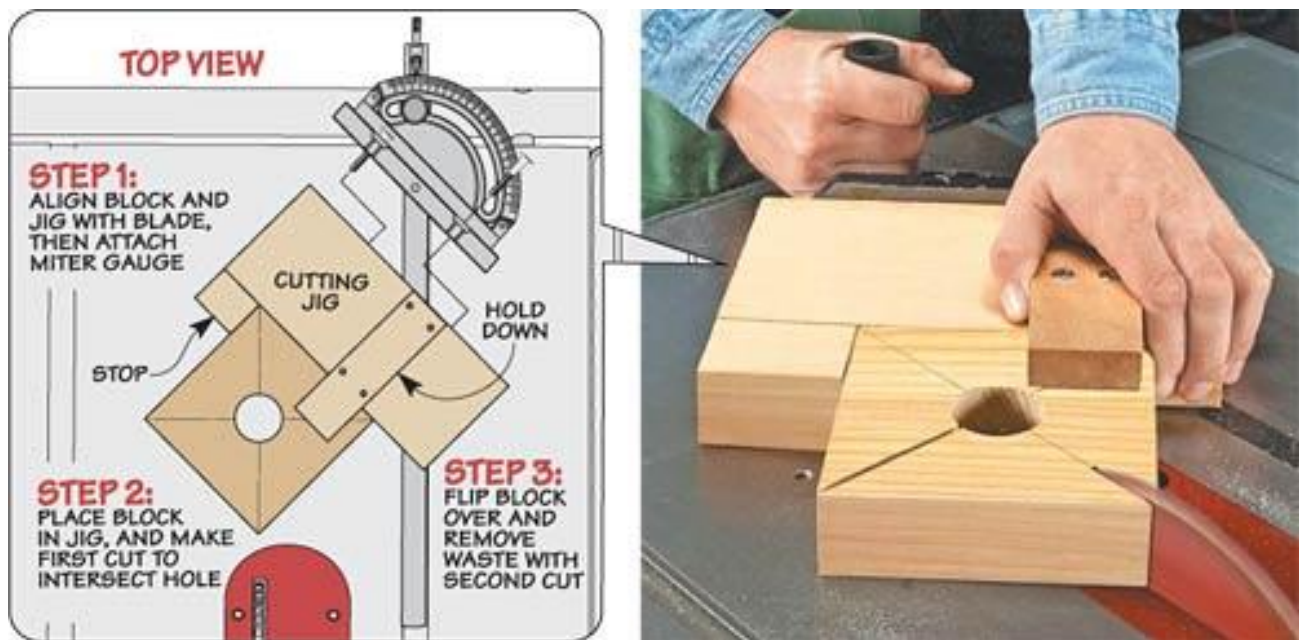


Whenever I glue up a case, it's always a challenge to spread the glue in the joint, assemble and square up the parts, and then install the clamps before the glue sets up. To

make the job easier, I made a set of large corner clamping blocks, like you see in the photo at the right, to use with band clamps.

I started with square blocks of 2x6 stock so the corner blocks would be wider than the straps of the band clamp. Then I used a 1 $\frac{3}{4}$ "-dia. Forstner bit to drill a hole in the center of the block. This hole lets the block fit around the corner without marring the case and leaves a space for any glue that might squeeze out around the joint.

In order for the blocks to fit around the case, a 90° notch is cut. To make this notch, you'll need to make a simple jig (*illustration and photo below*). You'll use this jig and the miter gauge on your table saw to hold the corner block firmly in place while you make two cuts in the block at right angles to one another.



A cleat screwed to the top of the jig holds the workpiece down. And a stop block along one side keeps the workpiece in position as the cut is made on the table saw.

To make the cuts, set your miter gauge to 45°, align the block and jig to the blade, and then attach the jig to the miter gauge. Next, place the block in the jig with the wood grain parallel to the miter gauge and cut the first angle. Then flip the block over and make a second cut.

Four clamping blocks work for small assemblies. But for larger cases, you may need to use two blocks in each corner. Just position the clamping blocks at each corner and tighten the band clamp around the blocks.

Handy Holdfast Clamp



My workbench doesn't have holes for bench dogs. And this makes it hard to hold some pieces in place whenever I need to work on them.

To solve this problem, I made the holdfast clamp you see in the photo. The adjustable vise-clamp allows you to hold down and quickly reposition materials of varied size, shape, and thickness. It clamps to any table or bench and can be quickly removed when you need to clear the worksurface for other work.

To make the clamp, first cut a piece of $\frac{3}{4}$ " plywood to size. Then drill a series of $\frac{15}{32}$ " holes about $1\frac{1}{2}$ " from one edge so there's room to tighten the nut below. These holes accept the bolt of the vise-clamp for repositioning the clamp.

Using the clamp is easy. Just clamp the board to a bench or table and secure the vise-clamp in one of the holes. Then adjust the tension on the handle and clamp the workpiece in place.

Good Woodworking,

Phil Huber
Online Editor, *ShopNotes*