



Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

Volume 10, Issue 4

April 2009

End Grain End Grain

By Jeanine Begalske



Jeanine Begalske
President

Editors note; Again this month we have guest columnists: Bob Hewlitt wrote the lead article on finishing, Pat Vollbrecht contributed the rules for the 2 x 4 contest, Dennis Gilroy contributed the reminder for the picnic.

Finishing

Wiped on polyurethane is a surefire way to achieve a beautiful surface on your wood project.

I found an excellent article by Sean Clarke in a ?Fine Woodworking? magazine from August 2004. He explains in detail how to wipe on thinned polyurethane varnish for a durable water proof finish. His example was a table top but it can be used on anything.

You cannot be in a hurry with this system. It will take 8 hours per coat for 4 to 8 coats with the final coat taking 24 hours so it will stretch it out to a week easily.

He builds the finish layer by layer and his method is almost impossible to mess up. He uses solvent based polyurethane thinned by 20% to 30% with mineral spirits.

Water based polyurethane can be thinned by only 10% with water before the chemical makeup becomes unstable. Start by sanding the wood with 220 grit sand paper.

If you want to stain first, then use water base or alcohol based stain as the oil base polyurethane may cause

streaking.

Thin the polyurethane with mineral spirits between 20 and 30%. The thinner it is the more it soaks in. The best fabric for wiping is mutton cloth which is hard to get so clean lint free cotton will do.

Use long even strokes with the grain. Go heavy on the first coat as it will soak in. Let dry for 4 to 8 hours. More coats can be applied without sanding as long as the time between coats is less than 24 hours. If you exceed 24 hours then lightly sand with 320 grit and wipe clean with a tack cloth. The second and subsequent coats will take 8 to 10 hours to dry (more in a cool damp basement, less in a warm dry room). You can use any number of coats of the thinned polyurethane depending how thick you want the finish. Let the last coat dry 24 hours then sand with 320 grit until all the shiny spots are gone. He then wipes on a smoothing coat of polyurethane thinned by 10% to fill in any blemishes. Let this dry 24 hours and sand with 600 grit. Next rub with 0000 steel wool followed by a good furniture paste wax or your own favorite secret wax.

Bob Hewlitt

2 x 4 Contest Rules

To enter this competition, a member must make a wood project, using only a common

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No For Sale items this month

The regular CVWA Meeting at the Waterloo Center for the Arts. 225 Commercial Street, Waterloo, IA. Tuesday April 14, 2009 @ 6:30.

The next Executive Board meeting will be Wednesday April 15, 2009, 7:00 PM at Hy-Vee Crossroads meeting room.

Scroll saw club meeting , April 23rd, 6:00 PM at Richard Wentworth's shop.

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lumber yard 8 foot, 2x4 stud! Our members can have fun with this and I'm hearing a lot of buzz among our members, as to what they have planned.

For those like me who are memory challenged, the purpose of this contest is to construct any project desired using only one standard SPF 8 foot 2X4. This seemingly simple contest offers the craftsman quite an exercise in design, material selection, and craftsmanship skills in order to complete a project under very restrictive conditions. Here are some hints to help your project.

1. Select your 2X4 early so it has ample time to dry in your shop. Even the kiln dried Construction grade will feel damp to the touch when it just comes out of the pile.
2. Select 2 boards that you think will work and clamp them together with spacers between them. The reason for the 2nd one is to allow the selection of the best one after they have dried somewhat in your shop.
3. Consider the size and placement of knots and the overall appearance of the wood. Boards that have the grain running close to a right angle to the face (3 ½" side) are close to quarter sawn and will have less warpage.
4. A design that requires less material while still being functional allows the project to appear to be constructed of more material than is actually used. Examples are: 3 legs instead of 4; an open back in a cupboard; reducing thickness of parts (will 3/8" or ½" work in place of ¾"); and using open gaps if possible.
5. Using the thinnest saw blade possible may save much material.
6. After the parts are cut out, allow some additional drying time for the smaller pieces before assembling the project.
7. The biggest single problem to overcome is using high moisture content wood. As the wood dries, it warps,

The Oak Bulletin

Corridor Wood turners meeting April 11th at the Acme Tool Store in Cedar Rapids. The program this month will on the use of the skew. There are still a few seats remaining for the Lyle Jaminson demo on April 18th, see Kevin for details

OTHER DATES OF INTEREST

It is not too early to be thinking about toys for the Salvation Army

cracks open up at the ends and even in the interior areas, and shrinkage will occur in the width.

8. A good design, patience and appropriate jointing will produce a project that is fun and challenging.

AUGUST SHOP TOURS/PICNIC

It's time to reserve Sunday August 9th on your calendar for the 8th Annual Shop Tours and Picnic.

Every year we have four members open up their shops so fellow woodworkers can check them out. It makes no difference if you have a small basement shop, a little corner of a garage, a one or two car garage size shop or a super size building - we would like to see it. There are a lot of good ideas out there that could be shared with others.

As of now I have two shops for this year's tour. Robert Jefferson and Tom Duffy of Dunkerton have volunteered so far. If you would like to open your shop, please email me or give me a call.

Dennis Gilroy

319-277-3013 d.s.gilroy@cfu.net

Two truck loads of Free Ash Wood to be given out before wood meeting for Bowls and Toy Projects

Minutes of CVWA 3-10-09 Club Meeting

President Jeanine Begalske called the meeting to order on March 10, 2009 at the Waterloo Art Center. With a welcome and a reminder to silence cell phones, she had guests and new members introduce themselves to the group. President Jeanine reiterated that the newsletter is only available on the club website. The site is www.cedarvalleywoodworkers.com.

John Padget from the Food Bank will be here at our April club meeting to pick up bowls for the empty bowl fundraiser. Just a reminder to get busy and have fun turning!

Pat Vollbrecht has set up a tour at Wood Components and Technologies with Glen Davison. This tour will be held March 19, 2009, 9:45 a.m. at 6122 Nordic Drive, Cedar Falls. There will not be a sign up sheet- just come and enjoy.

Acme Tools needs a member's list in order to give a discount to club members. A sign up sheet is available or contact a board member. We would like to have you included.

CVWA will be having a Pine 2X4X8 Contest. At our September club meeting, each one is to bring their project. Judging will be similar to our Christmas judging. Rules will be available.

The Executive board will meet at Crossroad Hy-Vee meeting room on March 18, 2009 at 7:00 p.m. Our volunteers for this month will be Hank Morris and Dave Regenold.

Show & Tell:

Bob Anderson- Take Apart Wagon using the screw threading method

Ev Schilling- Wooden Cross depicting the life of Christ
Garylee Thurm- Fretwork Wolf from spalted maple burl / Cross with Angels

Don Andersen- Platter / segmented lidded bowl

Pat Vollbrecht- Intarsia Eagle

Don Collum- White oak Mantle Clock

Mark Dutton- Quebracho Wooden Tray (similar to iron wood- from Argentina)

Bob Colby- table leg made on the lathe/ had pictures

Tool Raffle:

Small battery operated screw driver- Mike Verco

Lucky Tape Measure- Roger Kittleson

Treats for the evening:

Garry Gardiner, Ozzie Osland, Don Collum

Bob Anderson- coffee

Time for Members:

Pat Vollbrecht- wanted to thank everyone since he had been in the hospital. (Plus tell us a joke :))

Jerry Krug- Has pine wood for sale

Bob Glawe- Photo update for our club directory

Gordon Pint- Asked for an up to date membership list

Dave Turner- Brought up about Shop Meets would be starting soon

Reed Craft- mentioned that we would like to have a sign outside meeting room advertising the Wood Club while we are having our monthly meeting. It needs to be freestanding. Anyone interested or with ideas contact a board member I

After a coffee break, Bob Anderson demonstrated Screw Threading and Bob Hewlitt showed everyone how to save money and Change cells in Batteries. Keith Bailey was on hand to give a little more understanding on how the website works and how to use the forum. Thanks to each one of you for doing a presentation. (Just a note....it was mentioned that Batteries Plus in Cedar Rapids will rebuild batteries)

Respectfully Submitted, Wanda Bailey- Secretary

Minutes of CVWA 3-18-09 Executive Meeting

The executive meeting was called to order at 7:00 p.m. by President Jeanine Begalske at the meeting room at Crossroads Hy-Vee. Those in attendance were: Gene Knief, Tom James, Reed Craft, Hank Morris, Pat Vollbrecht, Bob Anderson, Bob Glawe, Dave Turner, Jeanine Begalske, Paul Bailey, Wanda Bailey, Dave Regenold, Bob Hewlitt, Dennis Gilroy and Jim Wikle. Paul Bailey gave the Treasurer's Report. Expenses for the month were \$106.45 and income was \$256.29. Balance for the month was \$1743.40. The Treasurer's report was accepted and filed.

Monthly demonstrations were discussed. Tom Bussey will be doing Cabinetry in April. Also, members are to bring bowls for the Food Bank Fundraiser. Dennis Gilroy will be talking to the group about the picnic tour. Black and Decker University will be coming to do our May Presentation with Joerg Zellerhoff. Joerg will be showing

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some new tools that Black and Decker have coming out. The month of June, Doug Miller will be promote displaying wood projects at Cattle Congress. Reed Craft was appointed to be the designated club member spokesman.

The committee reviewed the rules for the 2X4 Contest. Pat will make sure each member gets a copy. It will be listed on the Website under "Tips".

Bob Glawe said that 30 people had signed up for the ACME tool list. He will have another sign up at the next meeting.

Dave Turner was asked to find volunteers for our next executive meeting. Thanks Dave!

Gene Knief asked if he could put info about the wood club in the Courier. It was agreed upon.

Bob Hewlitt mentioned that ACME Tools will be doing demo's on April 16th-18th.

Bob Hewlitt will be in charge of submitting the editor letter for President Jeanine this month.

President Jeanine will make sure that the room for Christmas is reserved.

List of unpaid members were discussed.

Thanks to the volunteers who came this month. Your input is much appreciated. Thanks to Tom James, Hank Morris and Dave Regenold.

Respectfully Submitted- Wanda Bailey, Secretary

Cedar Valley Woodworkers

Treasurers Report March 18, 2009

Beginning Balance		1593.56
Income: Dues	125.00	
Raffle	94.00	
Tool Fund	32.00	
Postage	5.00	
Dividend	.29	
	Subtotal 256.29	1849.95

Expenses

#2352 Betty Vollbrecht-Tools 3650

#2353 Bob Hewlitt-Tools 69.95

Subtotal 106.45

Ending Balance 1743.40

Empty Bowel Fundraiser

John Paget is the United Way coordinator for the Empty Bowel Fundraiser and will be present at the April meeting at the Art Center. Some things you may not know; although the fundraiser is only every other year bowels can be donated at any time. Speaking of bowels did you know that any arts and craft items are welcome not just bowels. In the past there have been pens, rocking horses and other large wood items. The larger items and non bowel donations are auctioned during the soup supper.

The members of the Cedar Valley Woodworkers Association can be very proud of their participation in the Empty Bowel project the items donated are very well received.

NEW PATTERN TEMPLATE LIBRARY

Your executive board has developed a new loaner program that might be of interest to each of you. Though the contribution of several different individuals the following full size templates are available for check-out by club members:

Nativity set:

Rocking horse:

Two different doll cradles

Should any of you have a pattern template set that your willing to share, call a board member!

Show and Tell



Above; Wolf from spalted maple burl By Garylee Thurm Right; White Oak Mantle Clock By Don Collum

Left & Above; Segmented Bowl with lid and Platter By Don Anderson



Above Left; Bob Anderson's Take apart Wagon, Second from left table leg By Bob Colby

Above Far right Quebracho Tray By Mark Dutton Second from right Intarsia Eagle By Pat Vollbrecht



Far left Wooden Cross Depicting the Life of Christ By Ev Schilling
Second from left Cross with Angles By Garylee Thurm

Demonstrations by Bob Anderson Screw Threading and Bob Hewlitt Changing Cells in a Battery



Left, The tools of the trade for threading wood. Below and left Bob Anderson demonstrates how it is done

Below Bob Hewlitt demonstrates how to take apart a rechargeable battery and the parts involved.



List of Mentors for Club Members. I believe the mentor's time is free, but the person being mentored is expected to cover any material costs.

Canoe/Kayak construction, Chip Schmidt, 277-8504, cschmidt@cfu.net

Detailed Toys, Bob Anderson, 232-9813, wtoys@yahoo.com

Jack of all trades (enjoys a Challenge), Hank Morris, 235-0692, hankannam@aol.com

Has the Ability to figure MOST problems out—Dick Buchanan, 277-2477, rbuchanan@cfu.net

Intarsia, Pat Vollbrecht, 232-1923, patV35@mchsi.com

Fretwork, Garylee Thurm, 279-3219, flytying4u@hotmail.com

Cabinet making, Tom Bussey, 641-435-4354, tebussey@gmail.com

Wood carving, Sid Sidler, 233-1396, sidsstudio@aol.com

Furniture and cabinet building, Jerry Krug, 475-2391, jkrug@netins.net

Classes and Services for Pay by Fellow Club Members

Wood Carving Class by Sid Sidler

Waterloo Center For The Arts

Sid Sidler will again be teaching a carving class at the Arts Center. Classes will start April 15 for the next 6 Wednesdays the class will be open to all skill levels, the fee is \$75.00. The Art Center has carving tools so beginners will only have to pay the class fee plus a very small amount for carving wood. If interested contact the Arts Center at 319-291-4490 class size is limited to 8 students.

Sharpening services by Glenn Johnson, 641-435-2511

Sharpening Services by Carl Leavell, 319-233-4491

Please remember to patronize our Sponsors!

** Member ID required for discounts



**Woodsmith
Store****

10320 Hickman
Road

Clive, IA 50235

515-254-9494 or

1-800-835-5084



**501 West 1st

Avenue

Durant, Iowa 52747-

9729



10% Club Discount

www.hartvilletool.com

**Contact Rick Ruport for
details**

**Glenn's Sharpening
32446 Floyd Line St, Nashua
641-435-2511**

**Sherwin Willams
5212 University Ave,**

Cedar Falls

**Acme Tools
1943 Blairs Ferry Rd.
Cedar Rapids**

Officers and Committee Members

Elected Committee Members

President Jeanine Begalske

1st Vice President Reed Craft

2nd Vice President

Secretary Wanda Bailey

Treasurer Paul Bailey

Appointed Committee Members

Committee Member Rick Rupert

Committee Member Gene Knief

Appointed Committee Members

Committee Member Dave Turner

Committee Member Robert Hewlitt

Committee Member Dennis Gilroy

Club photographer John Mason/Bob Glawe

Refreshment Chairman Bob Anderson

Newsletter Jim Wikle