

THE STAINED GLASS WINDOW

Monthly Newsletter of the Stained Glass Guild of Oklahoma

"Embracing All the Glass Arts"

Vol. 7, No. 9

September 2007

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AUGUST MEETING **FITTING AND FOILING**

RON ALLEN

The type of construction for your stained glass project will determine what type of work surface you will use. If your stained glass is assembled using Lead, then one will probably use plywood & nails as the working surface. If one is using the copper foil construction method then you would use material such as a ceiling tile or Homosote board for your work surface. I prefer using a homosote board for safety reasons. If you accidentally lay a soldering iron on the surface or drop hot solder on it, homosote will not burn or catch on fire. Also homosote material seems to hold metal pins more secure than others and seems to have a self-healing property for pinholes.

If your project is a sun catcher or small piece then all that is needed is to pin your project on your pattern. If you are dealing with a large copper foil project and it is square or rectangle then you will need to use some type of squaring brackets to make sure the project remains square for whatever framing method you will be using. I use the Morton squaring blocks & metal pushpins to hold the frame in place without slipping. One can also buy a 1/2" aluminum angle strip at your local hardware store & drill the pin holes. This way you can make them the length you need for your project. Make sure the metal pushpins you use are short enough that they won't go through your work surface.

If one is making a panel lamp, then accuracy is very important to make sure each panel is exactly the same size. One would need to setup the bracket assembly for each panel pattern and not change the bracket size & shape until all panels are complete. Also if you are making a stained glass project for a window it is important that you set up your frame boundaries to the dimension of the window. The type of panel framing you will be using for your project will have to be taken into consideration when setting up the boundaries.

PAUL WOSIKA

Paul demonstrated the Glasfoiler, a vertical foiling device. The Glasfoiler peels off the paper backing and centers foil on the edge of the glass while partially crimping it around the glass edges. Paul says that it saves him a lot of time when working on a panel or lamp that has many pieces.

He uses the Kwikcrimp foil burnisher to make sure the foil is adequately adhered to the glass.



**AUGUST MEETING
FITTING AND FOILING**

Continued



HARRY WALLACE

If a lead project is expected to take longer than you want to tie up your work table, you may want to work on a portable board which can be moved out of the way. This can be made of plywood with a 90 degree wood frame positioned at the lower-left corner of the board. It is useful to leave a gap at the 90 degree junction to provide a space for a corner solder joint if required, or just an easy way to remove the crud that tends to gather there.

If the piece being built has to fit a specific space or shape, it is very helpful to define the perimeter with aluminum angle material which is sold for that purpose. Without this clearly defined boundary, the piece will tend to grow as you go. The hole it must fit won't! Whether the frame is zinc, lead or other material, it must fit within that perimeter. A frame made of came lead can be shaved to allow for minor inconsistencies in the hole the piece must fit. This is not possible with a zinc frame.



I always tape the pattern to the board with the framing material allowance clearly marked so as to define the exact space to be filled with glass.

I generally do my fitting, leading and soldering right over the pattern so I know it will all fit into the allowed space.

It is convenient for me to work from lower-left to upper-right so my first step is to install the bottom and left end of the frame. I sometime solder the corner for stability before I start adding glass. This is the solder joint I allowed for by leaving a gap at the corner of the wooden frame. After fitting a piece and installing the came, I hold it all together temporarily with horse-shoe nails. Be sure to remove these from the horse first. The rest is easy.

NOTE: A zinc frame can be reinforced by inserting a dowel rod, brass rod or steel reinforcing material inside the opening in the zinc material.



TINA NEWTON

The Table Foiler offers a 1/4" roller that has a wide throat for rippled & thicker glass. It makes foiling quicker & more accurate than these poor old eyes & hands can do.

I've used the Glastar Foiler for 4 years & still happy with it. I use it mounted on a board. The board gives it stability & if it's a bit longer in the back you can clamp it to the edge of the table. By letting it overhang you can do large pieces without a third hand.

The Inland Edgemaster Foiler loads 2 size foils at the same time, cheaper than Glastar. The table foiler only takes one size of foil at a time and big pieces of glass would be difficult to lay down flat.



COFFEE & JUICE LIST...

COFFEE

JUICE

SEPT Jim Perkin

Susanne Underwood

OCT Jim Perkin

Mike Hardgrove

NOV Vera Gunter

Nelson Myers

Guild member, Wanda Hays, would like to know if you know who bought Joe Rhine's slumping molds because she would like to borrow the mask mold.

Please give her a call at 665-3049 if you know!

THANKS!

As usual, there aren't enough words to describe our appreciation for the businesses and individuals who donate door prizes for our Guild meeting.

Our thanks go to the following for door prizes for this month!

Richard @ Tulsa Stained Glass - Danna @ The Glass Station

Sunny @ Cherry Street Stained Glass - Paul & Wanda - Eva Battoe - Ron & Shirley

SHOW & TELL



Lloyd Garrison made a small pink rose window for his daughter. Beautiful!!!



Walter Green made a window of Marilyn Monroe for his daughter for Christmas. Awesome!!!



Walter also shared about a shop he visited:

Karg Art Glass
111 North Oliver
Kechi, KS 67067

316) 744-2442

Walter has a DVD to share if you are interested.

GUILD MEETING

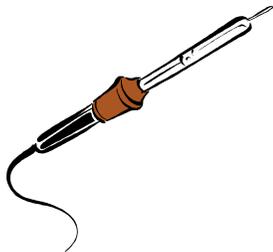
10:00 AM

SEPTEMBER 1, 2007

ALLIE BETH MARTIN LIBRARY

2501 S. GARNETT - TULSA, OK

SOLDERING



Selecting a soldering weapon, tip and wattage;
Temperature Control; Flux;
Solder type and size;
Tip Cleaning

Guild member Gloria Wolcott shares with us that
West Fest is Looking for artists wanting to sell their wares!

NO FEE

**Sponsored by:
Neighbors Along
The Line**

**September 15th
1:00 pm – 6:00 pm
Ziegler Rec. Center**

**for more info:
Monique Heitzman
584-111**

Deadline: 9/7/07

STAINED GLASS GUILD OF OKLAHOMA

2007/2008 MEMBERSHIP APPLICATION

It's time again for membership dues effective September 1, 2006. Dues are as follows:

___ Individual Membership \$20.00

___ Family Membership \$25.00

(A family membership consist of 2 persons living at the same address.)

Also, keep in mind if you joined after June 1st, your membership is good till August 31, 2008

Please make your check payable to SGGO and mail along with this form to:

Wanda Hays
9011 E. 27th Place
Tulsa, OK 74129

If you have any questions, feel free to contact Wanda at (918) 665-3049

Name _____ Name _____

Address _____

City _____ State _____ Zip _____

Phone (Home) _____ (Business) _____

Email Address _____

Stained Glass Guild of Oklahoma
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