

# **Mastering Mounting: Sensitive Items**

**Chris A. Paschke, CPF GCF**

**Lecture Sponsored by Gilman Brothers**

**West Coast Art & Frame, Las Vegas 2017**

# Mounting Review

## **Noninvasive Methods**

Natural Starch

Hinges

Kozo Backing

Alternatives

Edge Strips, Pockets

Mylar Encapsulation

Sink Mount

Static Mount

Velcro Mount

Dot Mount, EVA-PVA

Tension Mount, Fitted Mount

## **Invasive Methods**

HA Dry Mounting

HA Roller Laminator

Cold Mount

Cold RLs

Vacuum Frame

Commercial Wet Glue

Commercial Paste

Spray Adhesive

Manual Applications

Commercial Wet Glue

Pressure-Sensitive

Spray Adhesive

# Hinging Review









**Diagram 1**



Fold paper strip at 45 degrees to make a corner pocket.

The torn rice paper strip is folded to form a corner, with only the lower edges of the corner glued with starch to the backing board.



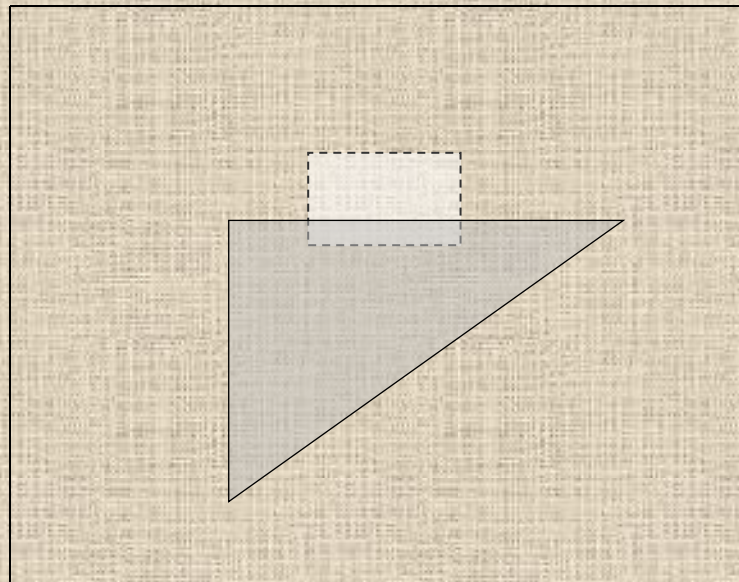


Mulberry (Kozo) paper  
corner straps

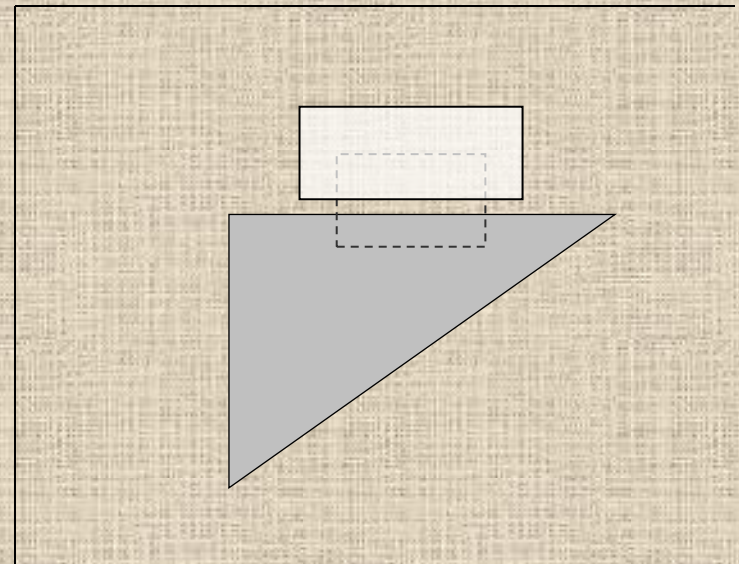


# Top Hinges

Pendant

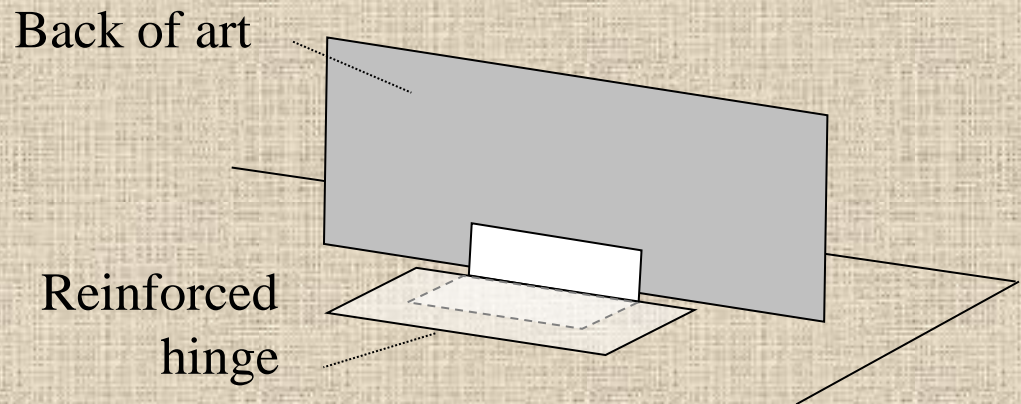
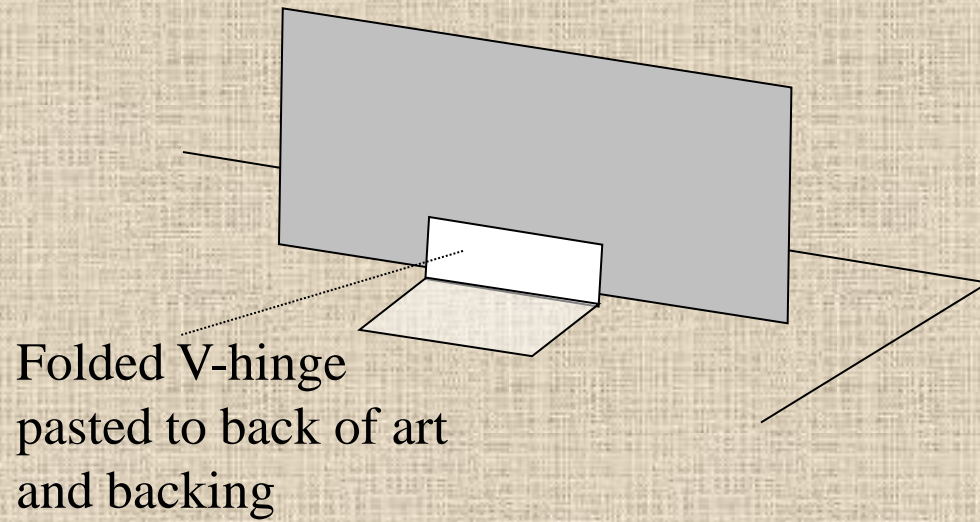


T-Hinge

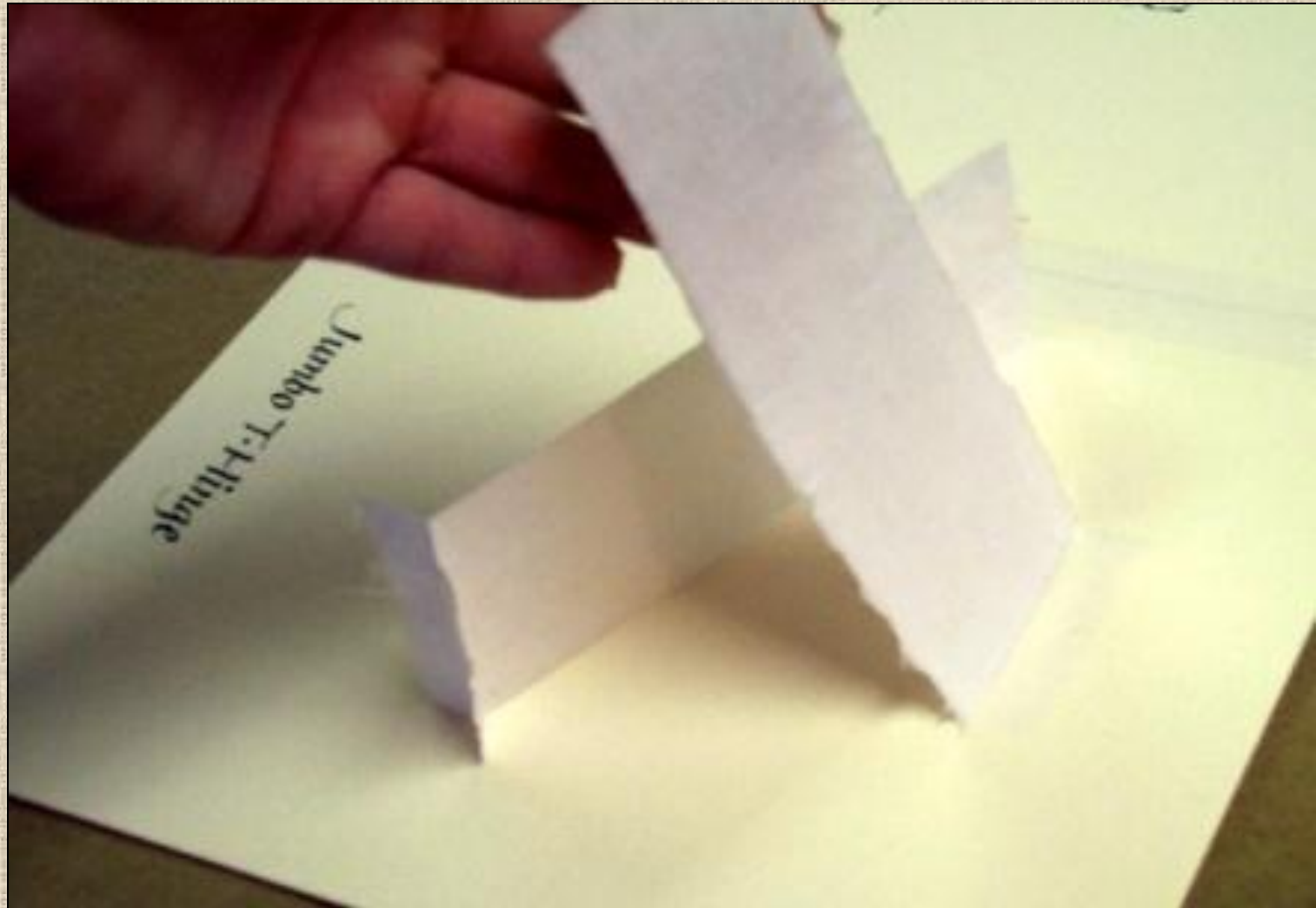




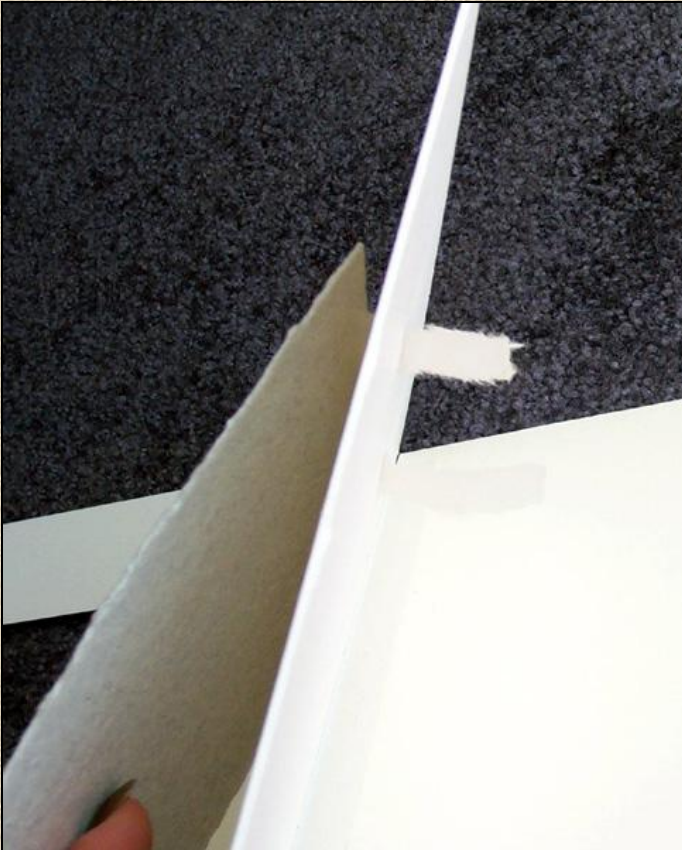
# V-Hinges



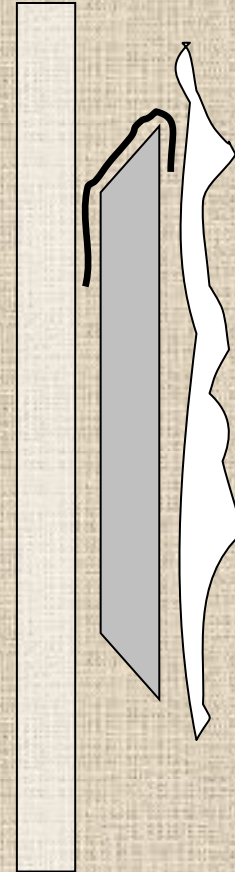
# Jumbo Hinge



# Float Hinges



S-Hinge



Pedestal Hinge or  
Elevated Float



# Elevated Float



# Encapsulation

- Look for bow in Melinex
- Art should be 1/8" from mat







# Papercut Art





# Art of Papercutting

Chien chih – China Han Dynasty  
206 B.C. to A.D. 220

Monkiri – Japan

Scherenschnitte – Germany

Wycinanki – Poland

Knippen – Dutchland

Sold for

\$25 USD unframed

\$30 USD framed





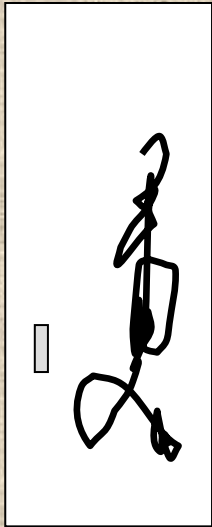




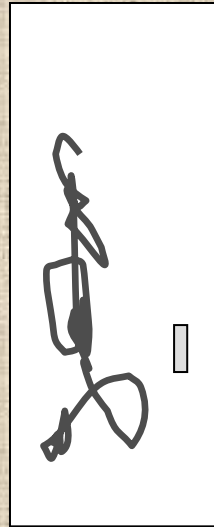
Starch Paste  
**Kozo Backing**



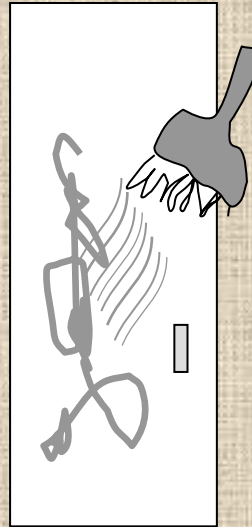
# Kozo diagrams



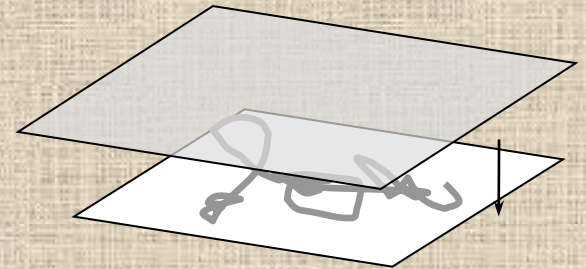
Original art



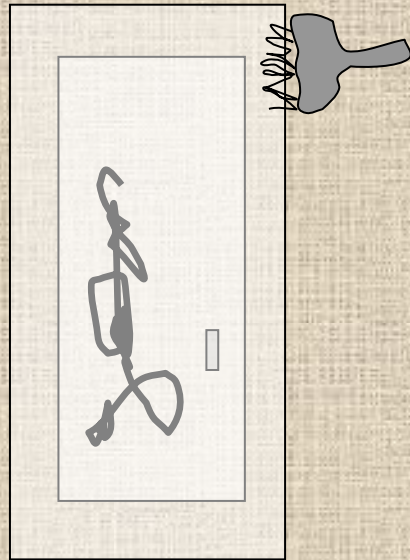
Mist table, lay art  
face down, brush to  
wet and flatten



Brush with  
starch paste

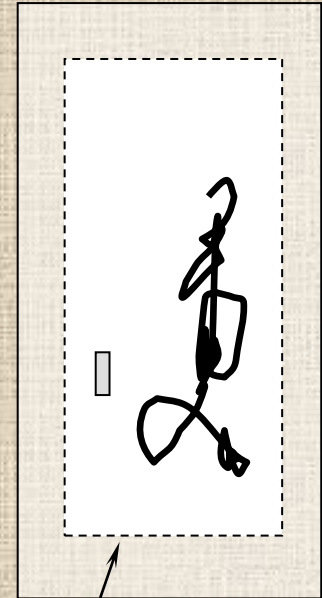
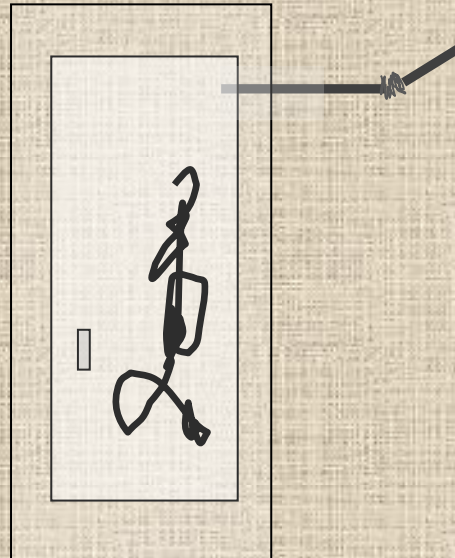


Lay kozo backing  
over pasted art,  
brush to fuse layers



Apply 1/2" paste  
along outer edge to  
adhere to window

Transfer backed art to clean surface,  
insert small paper tab under one corner,  
blow air beneath art (with a straw) to lift  
off table, let dry overnight



Trim backed art to the  
edges of the original

## Traditional Scrolls

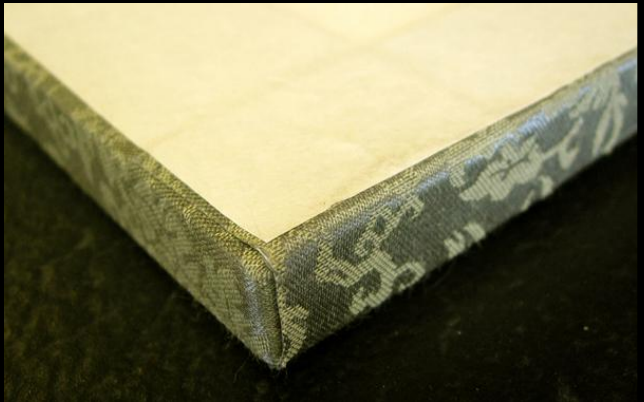
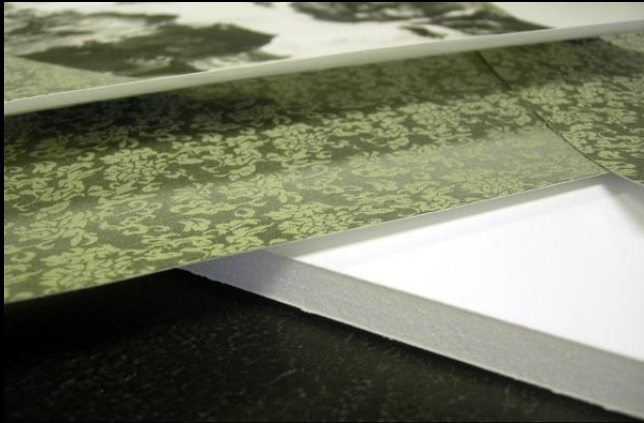
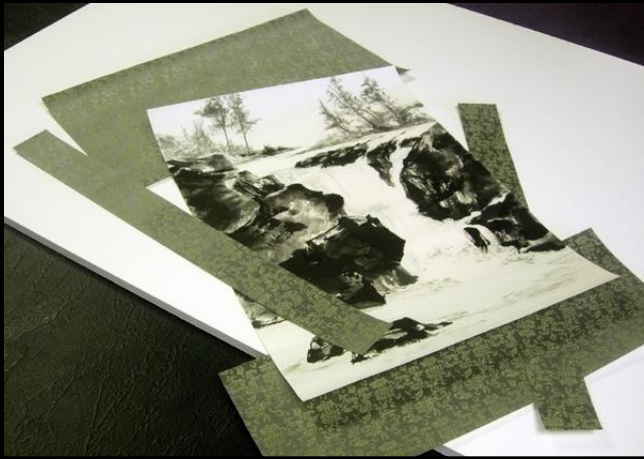


## Western Scroll Mount





# Rigid Scroll Mount







## Crease Removal Options

- Heat Pressing
- Humidifiers
- Asian Wet Method

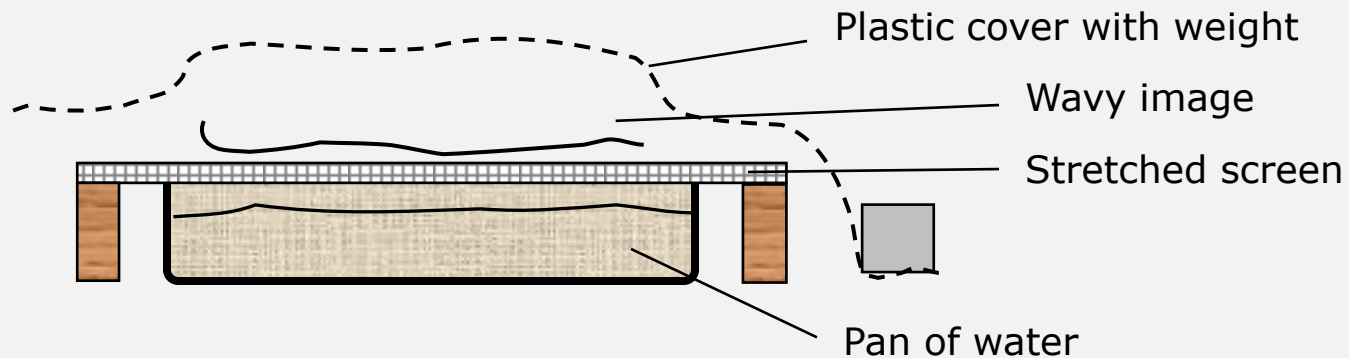
# Asian Wet method



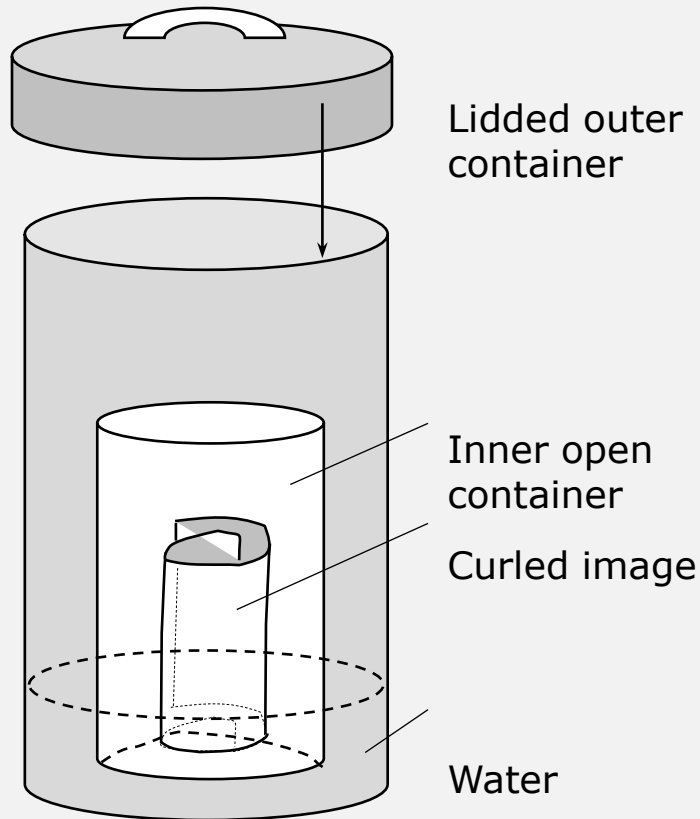


# Horizontal (flat) Humidifier

- Relax the base paper, allowing for gentle waves to be flattened.
- Filled a shallow, flat tray with warm water.
- Cover with a sheet of clean fiberglass screening across the top.
- Either stretched to a strainer or weighted to hold the edges down.
- Lay image on the screen, cover with a sheet of plastic, and weight edges.
- After the moisture has been allowed to penetrate place between blotters and weight at least 24 hours.



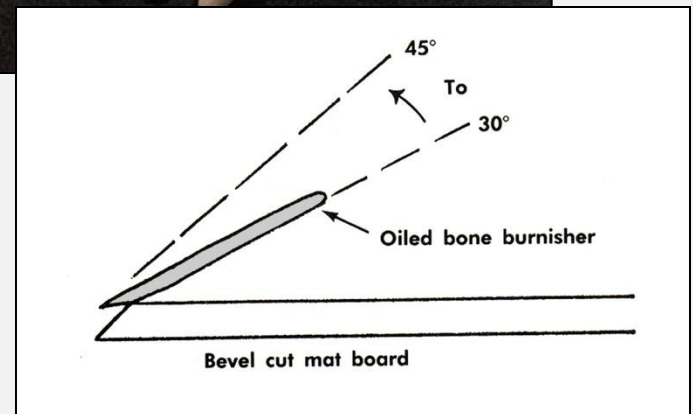
# Vertical (rolled) Humidifier



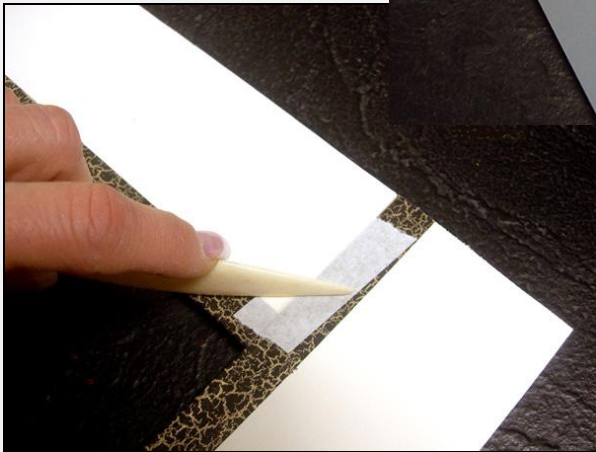
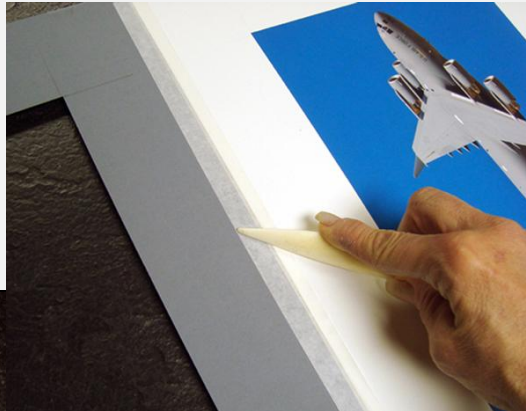
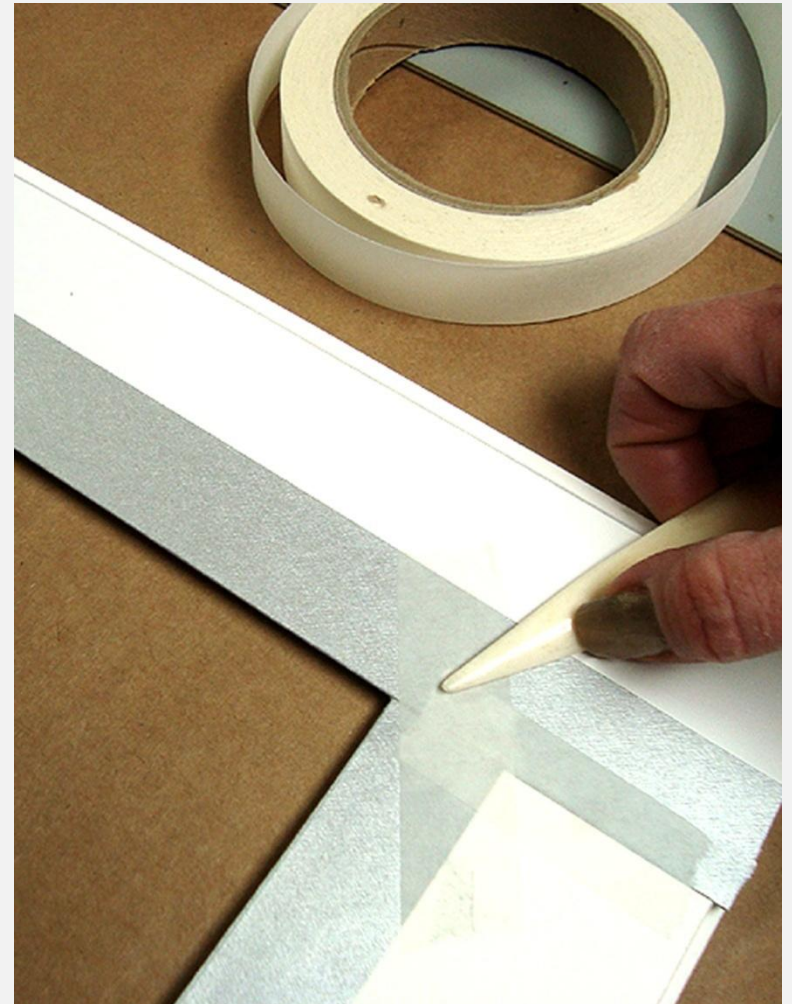
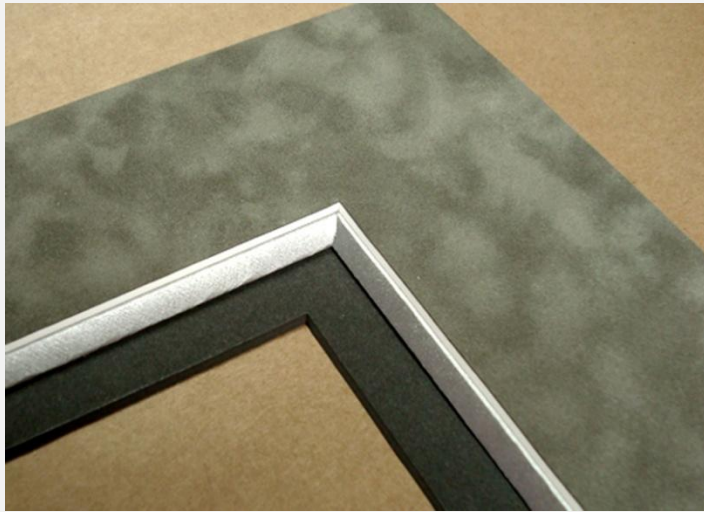
- Rolled prints require more time to absorb and relax the paper base.
- Place a small open top plastic container into a larger plastic container.
- Surround with 2-3 inches of warm water in the bottom.
- Place the rolled paper into the smaller dry container.
- Close outer lid and let paper absorb moisture a couple of days.

When soft and limp, unroll, flatten, and dry between blotters under an even flat weight.

# Burnishers



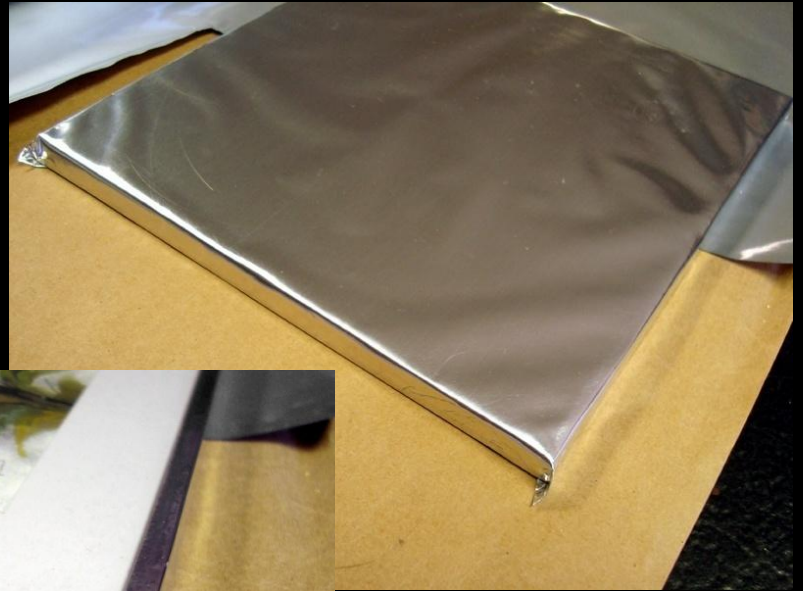
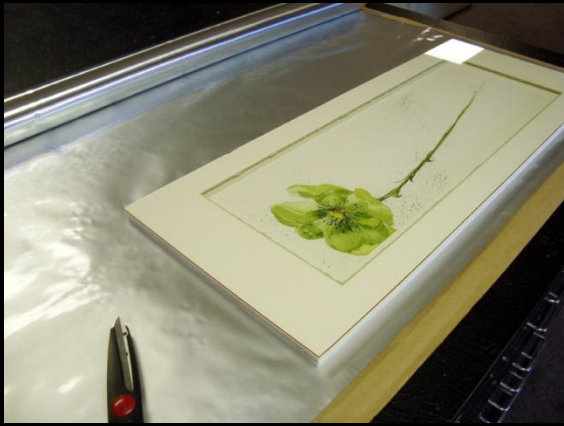




# Sealed Mount Package











# MarvelSeal 360

- Multi-layer 5 mil aluminized nylon and polyethylene material resists water vapor when heat-sealed.
- Line wood shelves, shipping crates and exhibit cases with this flexible barrier film.
- Create an anoxic micro-environment for long term storage.

Gaylord  
Hollinger Metal Edge  
Talas  
University Products

<http://www.gaylord.com>  
<http://www.hollingermetaledge.com>  
<http://www.gaylord.com>  
<http://www.universityproducts.com>



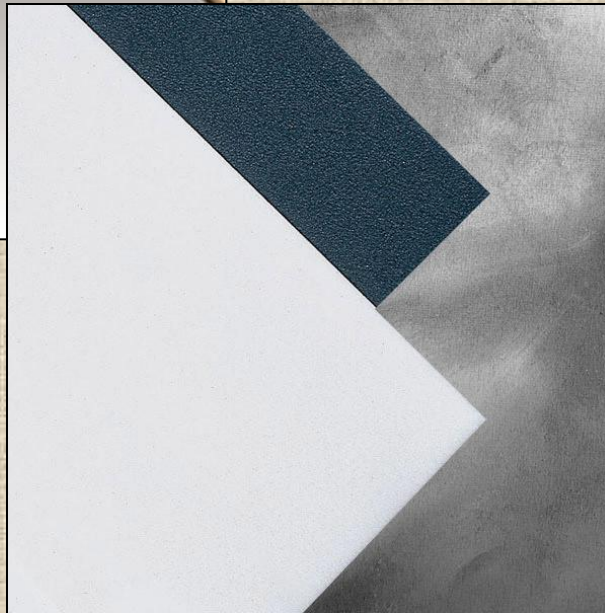
<http://www.talas.com>

Samplebook of Dartek, MarvelSeal 360,  
 Corrosion Intercept Film, Tyvek, and Volara Foam



## Volara Rabbet Tape

- Inert .0313" thick foam tape features an aggressive acrylic adhesive for lining frame rabbets.
- Protects canvas transfers, digital media and other forms of art by providing a cushion. Each roll measures .25" wide x 36 yards.





PVA  
vs.  
EVA







## Polyvinyl acetate (PVA)

is a rubbery synthetic polymer.

- A type of thermoplastic which may resoften when reheated, but is not water soluble
- Referred to as wood glue, white glue, carpenter's glue, school glue, Elmer's glue or PVA glue.



## PVA



## Ethylene vinyl acetate (EVA)

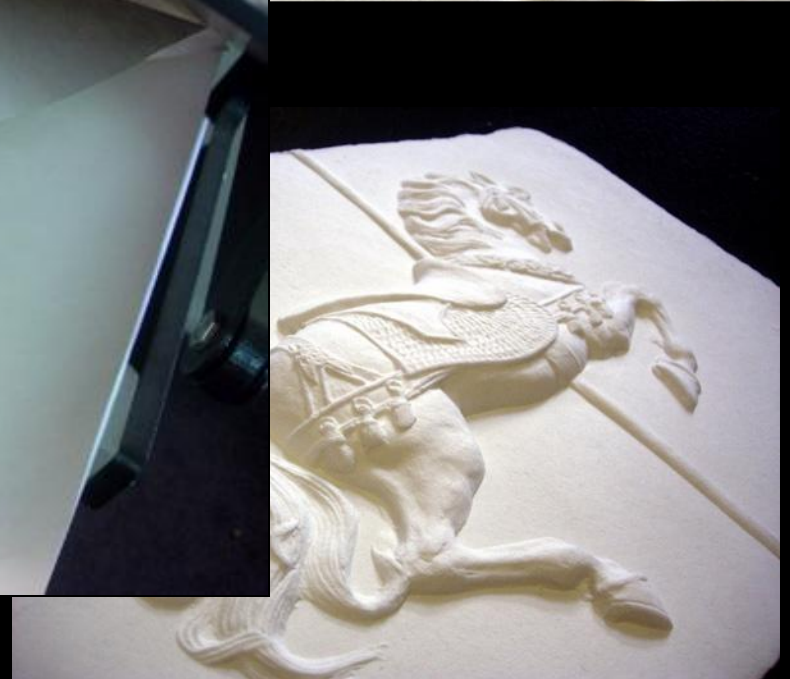
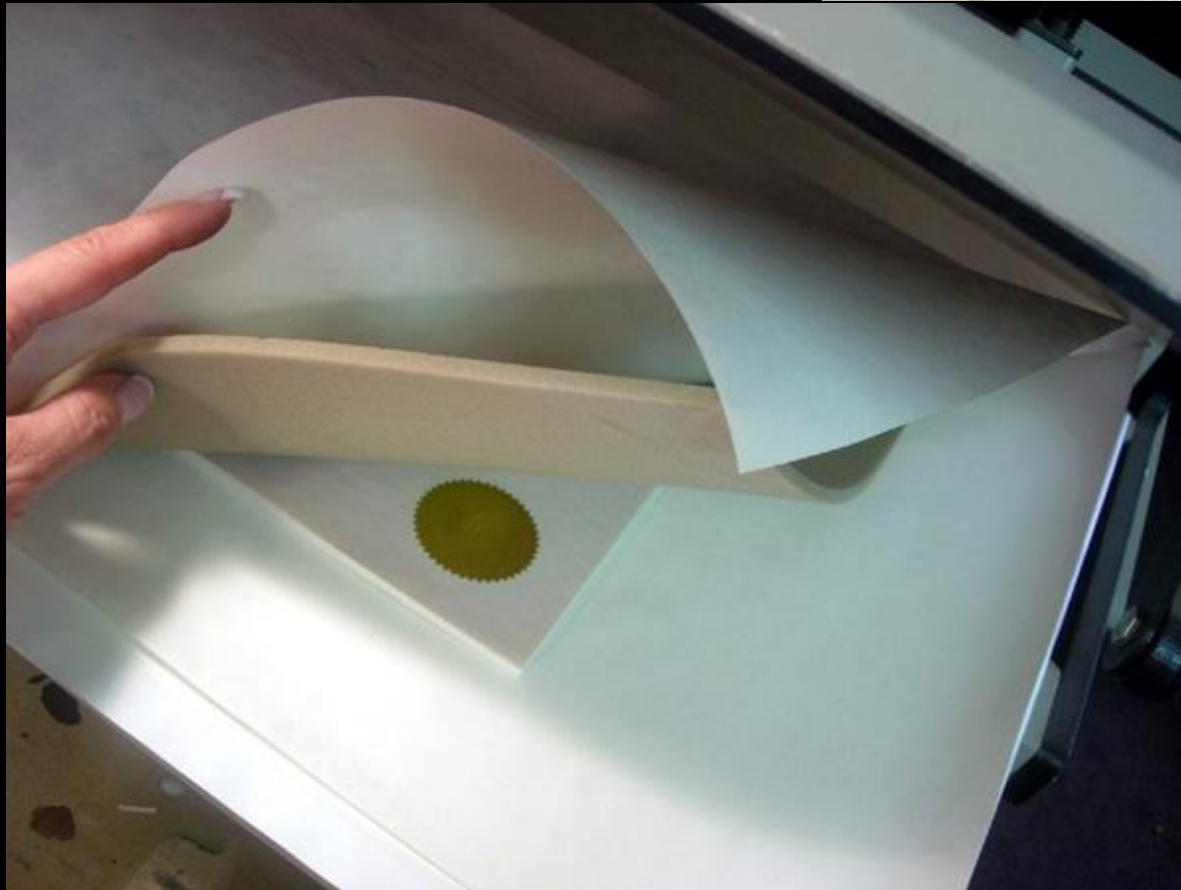
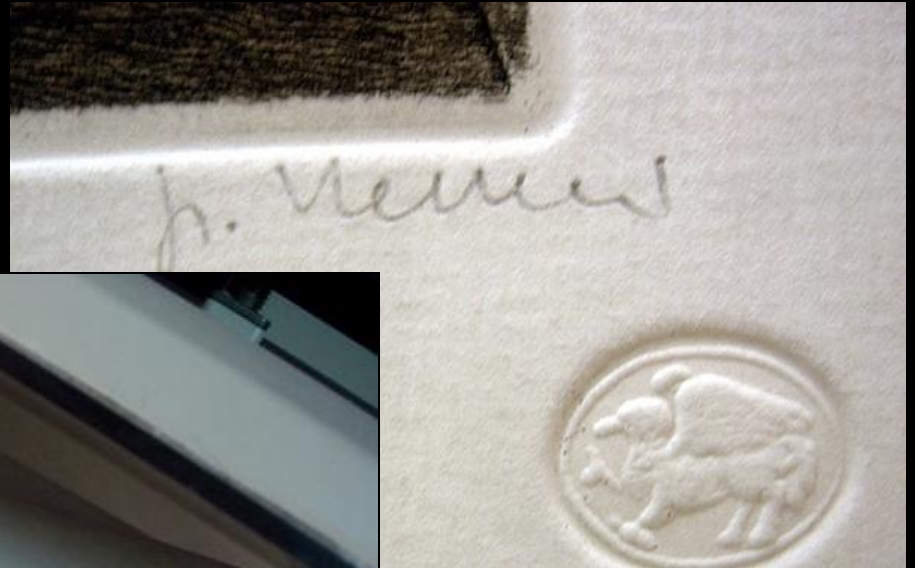
is the copolymer of ethylene and vinyl acetate.

- Acid free, archival adhesive reversible with water after dry
- For conservation applications
- For bonding paper, board, fabric, canvas, leather and films to other like surfaces.
- Dries quickly to a clear flexible film, and is easily cleaned up with water.
- Jade 403 is not reversible

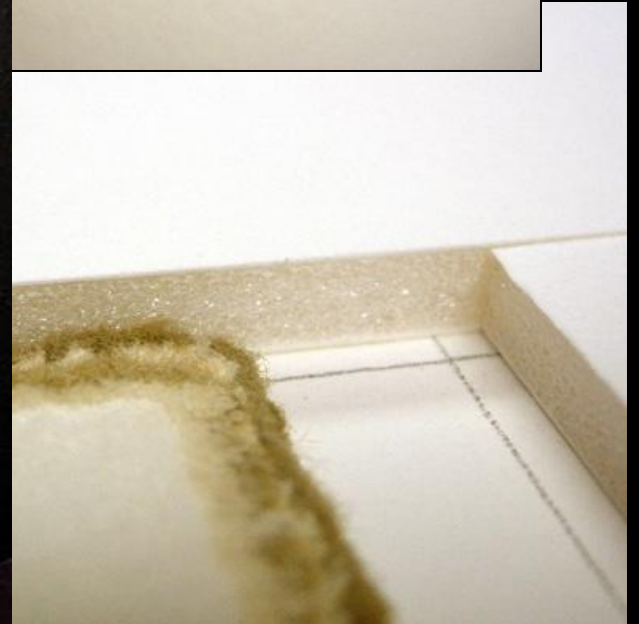
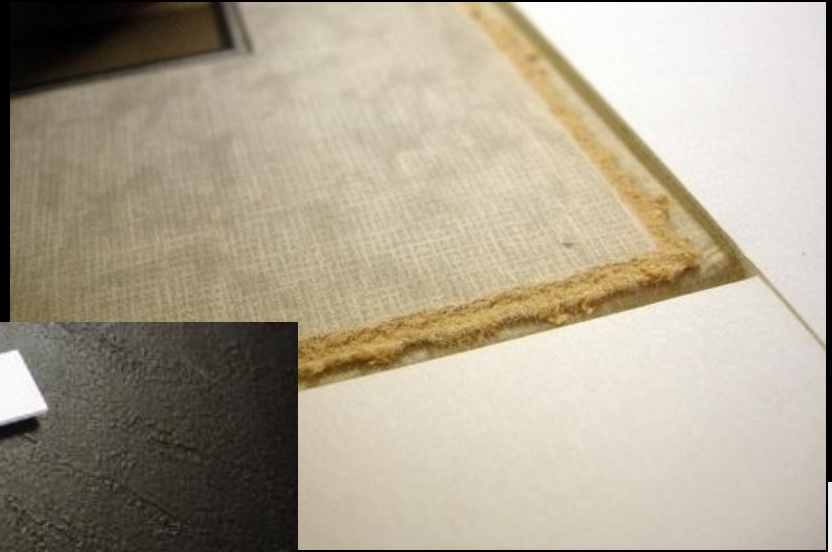
## Jade R - EVA



# Sponge Mount

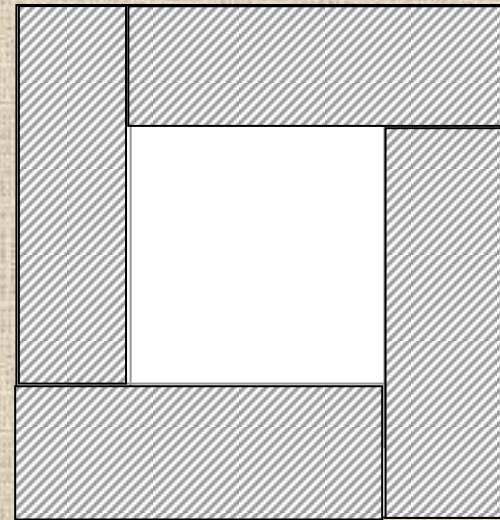
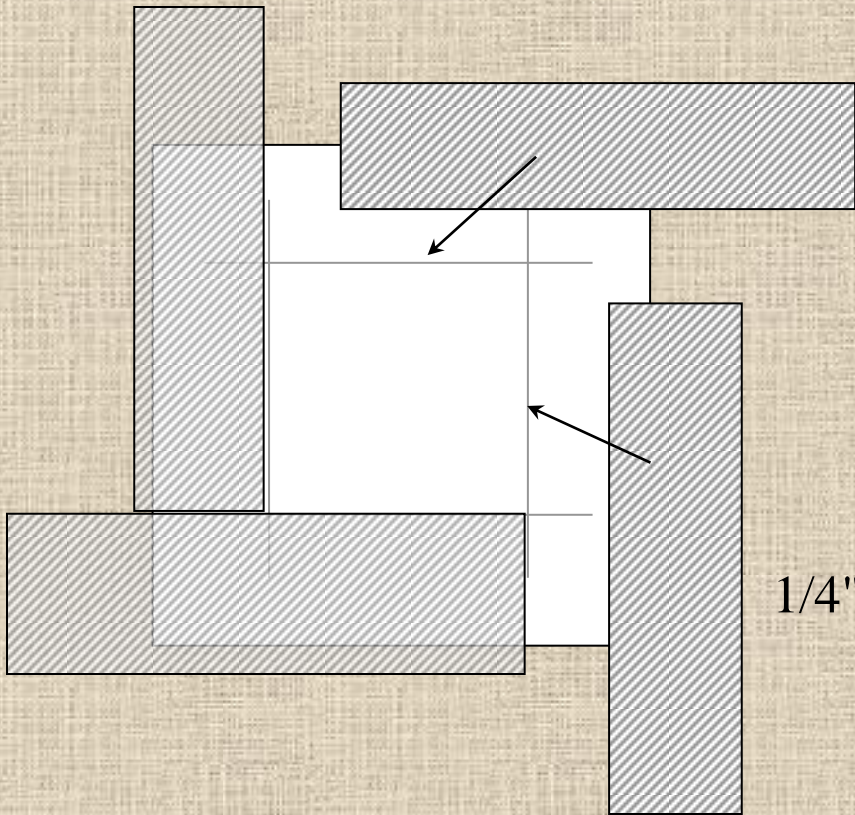


# Sink Mount



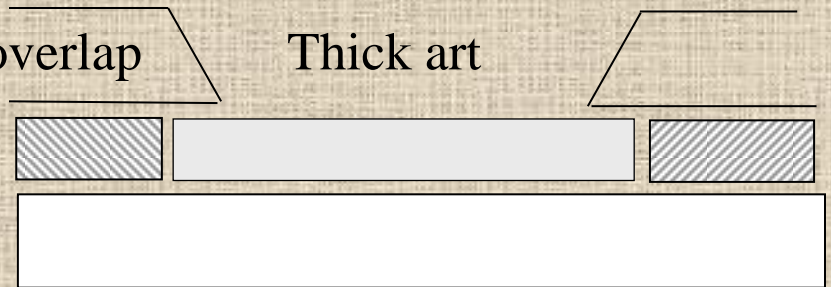
# Sink diagrams

Strips glued to backing,  
trimmed flush to edges



1/4" overlap

Thick art



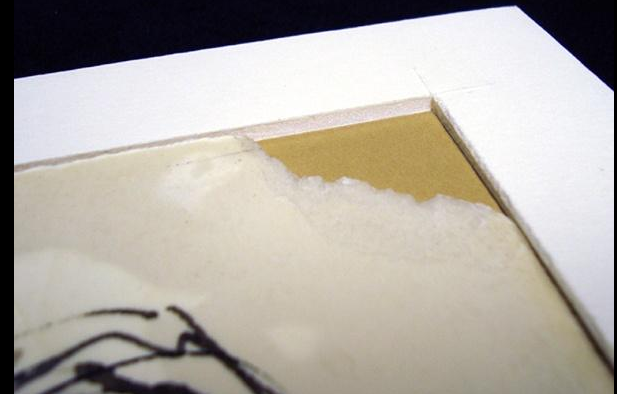


# Sink Mount encaustics





Wax Saturated





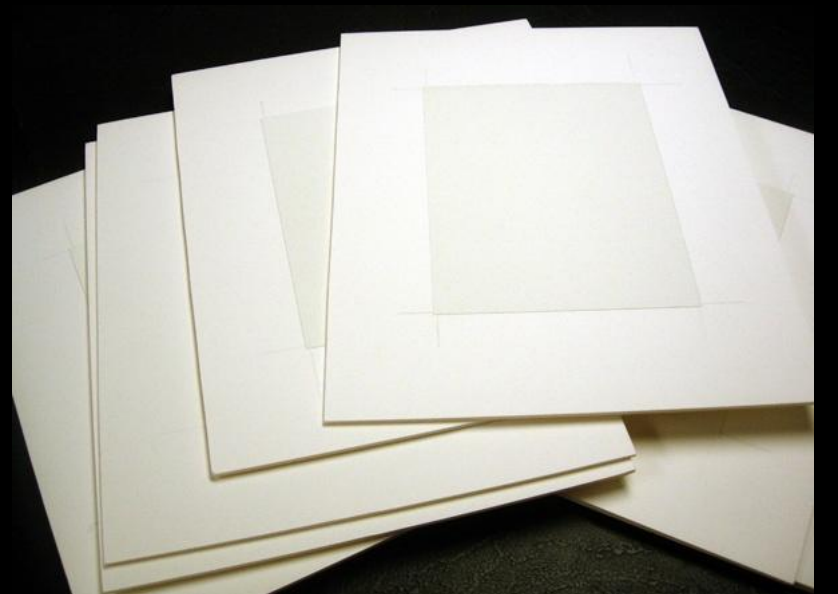
# Spaced or Lifted Mount

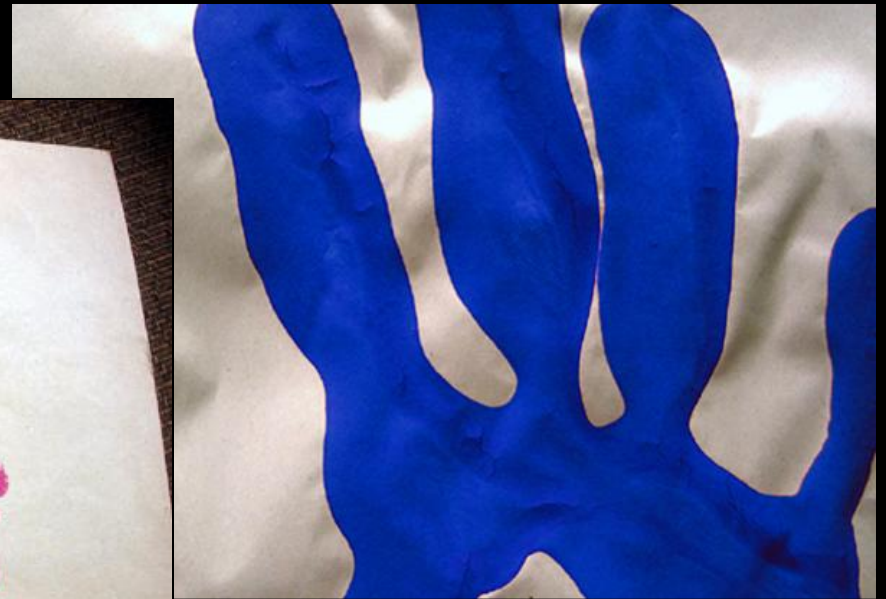


## Original Pastels

- Reverse bevels
- Lifted from surface



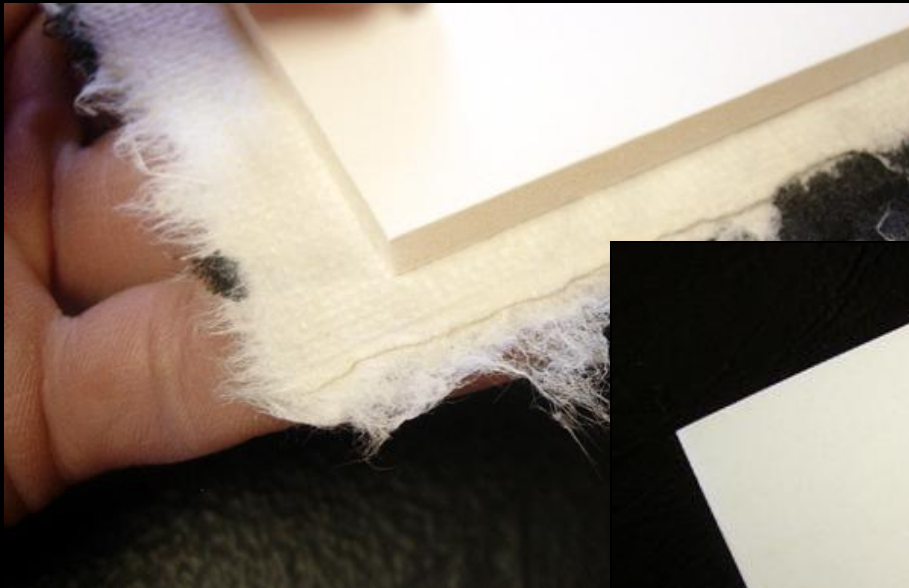




**Cockled Papers**



# Elevated Deckle Mount







Papyrus



# Amate Mexican Bark Paper





# Tinting





# Ghosting





## Sheers: Tinting and Ghosting



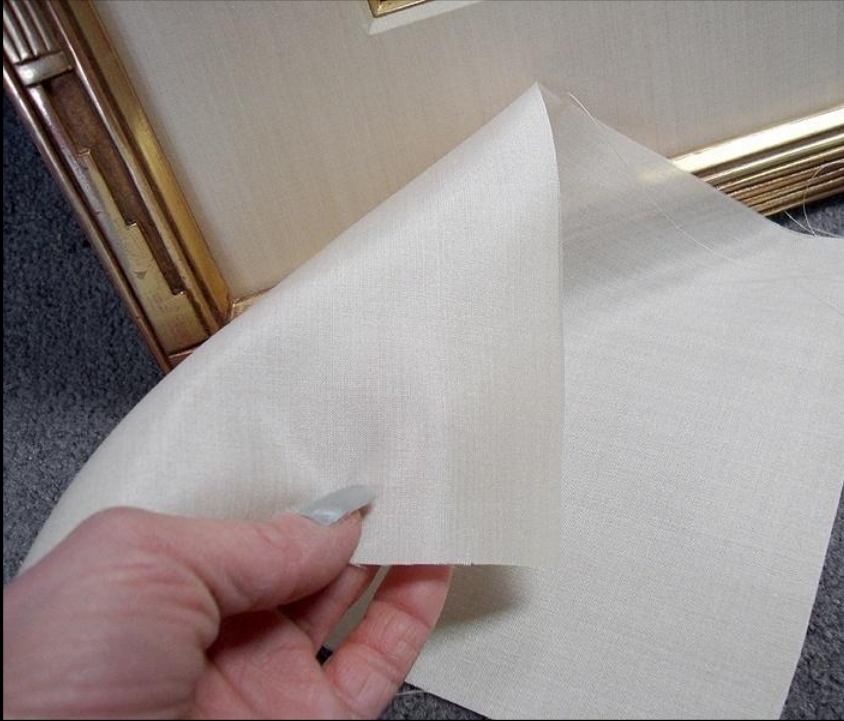
# Dot Mount

## Painted Bo Leaf





# Wet/Dry Mount – reactivated adhesive



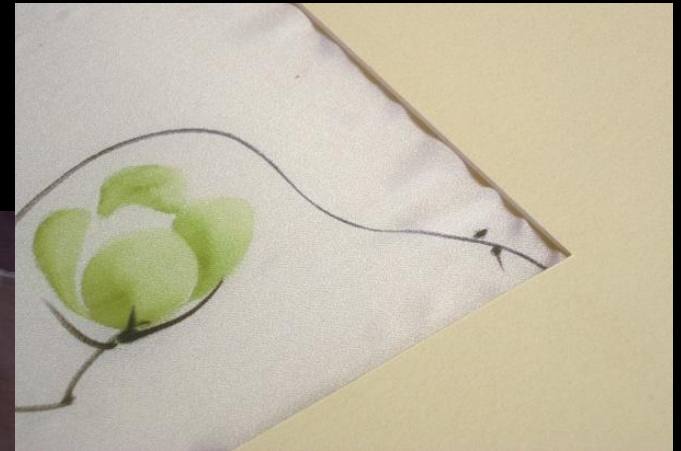






# Static Mount

Silk and Polyester

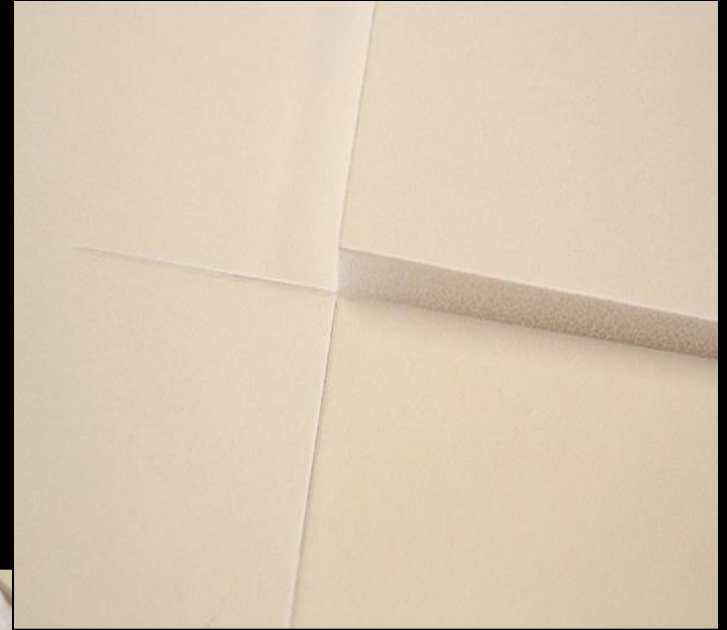




# Static Mount Polyester film

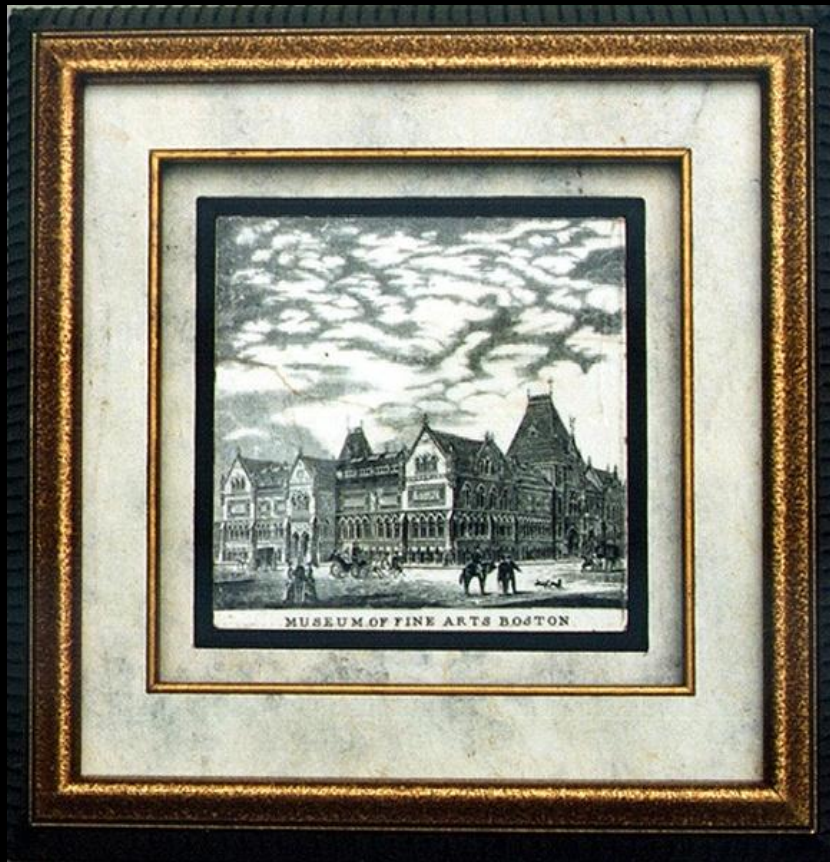


# Tension Mount





# Fitted Mount







# Silicone Mount



- Four 1/4" Turkish tiles
- To 1/4"-1/2" acrylic sheet
- Lift tiles with acrylic rounds, or
- Large 1/4" thick globs of silicone
- Drill holes in mount acrylic for silicone to squeeze through
- Lifted tiles allows for keyhole

## Silicone Facts

- AF version used with electronics
- Does not outgas, neutral cure, one-component, low odor
- RTV6708 Multi-Purpose  
Neutral Cure Sealant #06904817
- MSC Direct <http://mscdirect.com>



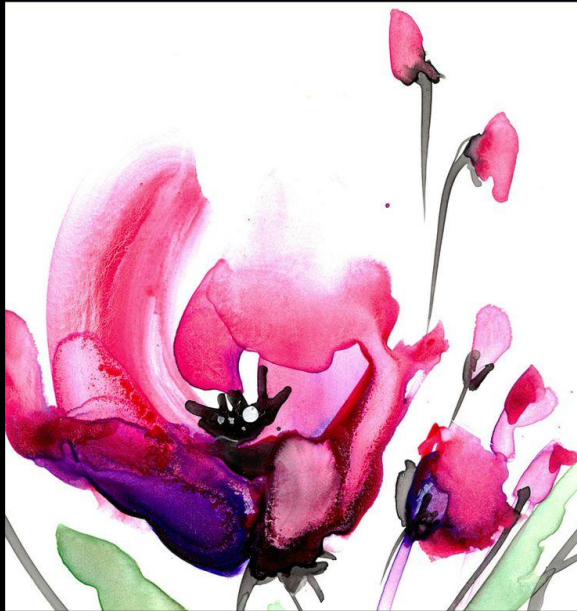


# Yupo



- Neutral pH, smooth, non-absorbent, waterproof, 100% recyclable, tear- and chemical-resistant, tree-free sheet.
- Extruded polypropylene pellets.
- Signage, design, packaging, labeling.
- Three layers: sheer surface (top) and base (bottom) layers formed during the extruding process, bonded to a heavier carrier.
- May be split if not handled correctly, often removing ATG.

- Wipes clean.
- Paint the negatives.
- Yellows with UV light



*Challenge Yourself*  
by Tina Dille

26x40" watercolor on 144# Yupo





# Dry Mounting

- Not all HA boards are Yupo friendly.
- Heat may be a problem with some synthetics, test prior to mounting.
- MountCor and MountCor Canvas 130°F Yupo.
- Omega/M&M Heat Activated Mount (HAM) 170F; Bainbridge Heat Activated Foam (HAF) 160F-180F; both bond OK.
- Countermount boards larger than 24x36".
- Surface sensitivity for flush mounts with no protection against surface denting by objects being leaned against it.



## Coda P-S

- Hardboard
- Gator – 1/2", 1/4" counter-mounted
- Sintra

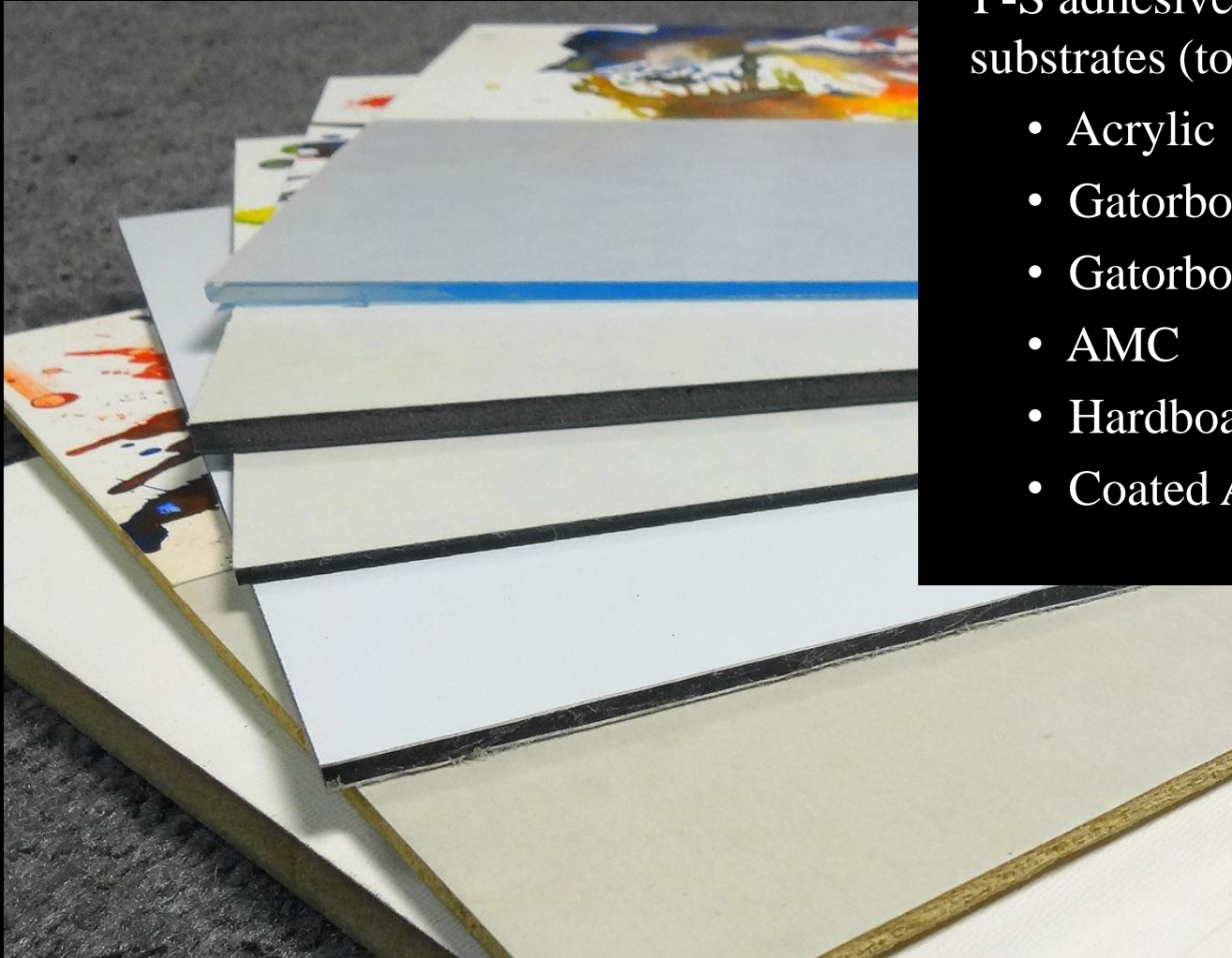
## KoolTack InstaMount

- Aluminum Composite (ACM)
- Gator Board
- Mighty Tough





# Mounting with PSA and RL



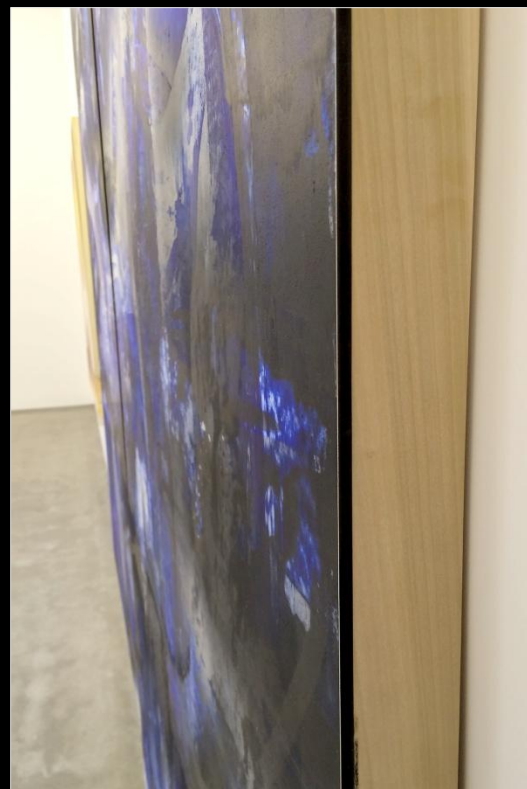
P-S adhesives on assorted substrates (top to bottom):

- Acrylic
- Gatorboard -1/4"
- Gatorboard -1/8"
- AMC
- Hardboard – 1/8"
- Coated Ampersand 3/8"



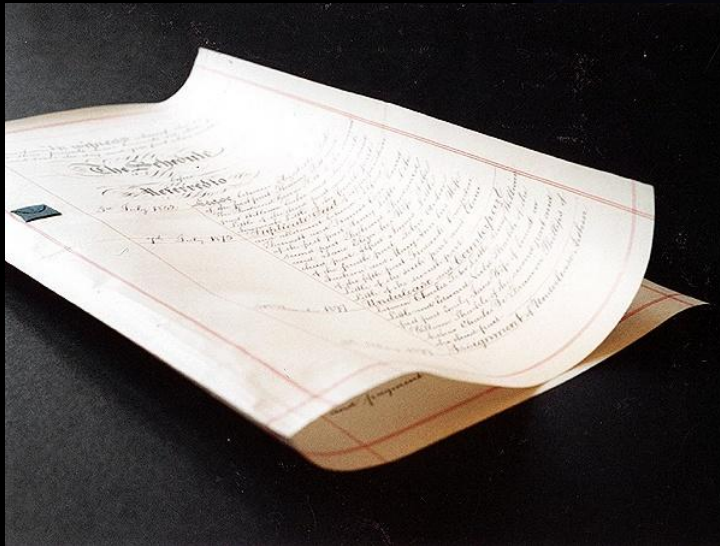
Yupo 4'x8' sheet--with  
acrylic and spray paint—  
P-S mounted to black  
Sintra on cradle with RL.

*Artist Chris Truman*





# Vellum and Sheepskin



# Suggested Mounting Chart

LEGEND X Approved process x Marginal approval / test first T Type of mounting technique R Reversible dry mount (Restore) A Preservation alternative s Sink mount S Static mount C Corners, pockets, edge strips L Lacing M Mylar, polyester encapsulation	Mounting Technique	Preservation Alternative	Preservation Hinges	Starch Paste	Wet Glue (bv hand)	Sorav Mount (bv hand)	Pressure-Sensitive Film	Pressure-Sensitive Board	Cold Vacuum Mount	Drv Mount	HA Laminare Tolerance	P-S Roller Laminator	HA Roller Laminator
Bark Painting		s	X										
Black & White Photograph		C	X				X	X	X	X	X	X	X
Brass or Stone Rubbing		C	X				X	X		R			
Blueprint / Cyanotype							X	X				X	
Canvas Transfer			X						X	X		X	X
Certificate (replaceable)				X	X	X	X	X	X	X	X	X	X
Charcoal Drawing		C	X	X						R			
Chromogenic RC Photograph			X				X	X	X	X	X	X	X
Cibachrome (static mount)		S	X										
Collage (flat paper)		C	X	X	X	X	X	X	X	X		X	X
Color Tinting	T			X	X	X	X	X	X	X	X	X	X
Diazo Blue-line			X				X	X		X	X	X	X
Digital Canvas-DE							x			x		X	X
Digital Photo-DE (RA-4, dye sublimation)			X				X	X	X	x		X	X
Dye Sublimation-DE		C	X				X	X	X	X	X	X	X
Embossed Art or Lettering		s	X										
Encaustic (on rag board or hardwood)		s											
Fabric Wrapping	T			X	X				X	X			
Face Mount	T											X	
Fax (thermographic)			X				X	X	X			X	
Fiber-base Photo (silver gelatin B&W)		C	X	X	X	X	X	X	X	X	X	X	X
Flat, Plain or Flush Mount Photograph	T			X	X	X	X	X	X	X		x	
Float Mount	T		X	X	X		X	X		X			
Gelatin POP (cabinet card photo)		s											
Giclée Limited Edition		C	X							R			
Giclée Canvas							X					X	X
Ghosting	T				X	X	X		X	X		X	X
Heavy Fabrics (raw canvas)				X	X					x		X	
Holograms		C	X				X	X				X	
Inkjet Piezo (porous coating)		C	X				X	X		X	x	X	X
Inkjet Thermal (swellable coating)		C	X				X	X				X	
Kozo Backing	T			X									
Laser Print / Copier (B&W)		X	X				X	X				X	
Laser Print / Copier (color)		X	X				X	X				X	
Liquid Toner (digital press)		C	X				X	X		X		X	X

LEGEND Cold vacuum = wet, spray, P-S. DE = digital exposure	Mounting Technique	Preservation Alternative	Preservation Hinges	Starch Paste	Wet Mount (bv hand)	Spray Mount (bv hand)	Pressure-Sensitive Film	Pressure-Sensitive Board	Cold Vacuum Mount	Drv Mount	HA Laminare Tolerance	P-S Roller Laminator	HA Roller Laminator
Magazine Page (two-sided)			X	X	X	X	X		X	X		X	X
Montage (created by framer)				X	X		X		X	X		X	X
Monoprint		C	X							R			
Needleart		L											
Newspaper Text (two-sided)		C	X	X	X		X		X	X		X	
Offset Lithograph - Open Edition		C	X	X	X	X	X	X	X	X	X	X	X
One-sided Text Flier		C	X	X	X	X	X	X	X	X	X	X	X
Original Art (graphite)		C	X	X									
Oversized Photograph					X				X	X		X	X
Oversized Open Edition					X				X	X		X	X
Papercut Art		M											
Papyrus Painting		s	X		X		X			X			
Pastel			X										
Parchment or Sheepskin		C	X										
Plain Mount				X	X		X		X	X			
Polaroid		s	X										
Polyester Encapsulate								x		x		X	
Poster			X	X	X	X	X	X	X	X	X	X	X
Premount	T												
Puzzle				X	X			X	X	X	X		
RC (chromogenic) Photograph			X				X	X	X	X		X	X
Sanded Paper (blank) for Pastel											X		X
Self-Shaping	T						X			X			
Serigraph (silkscreen)		C	X							R			
Signed Limited Edition		C	X							R			
Sheer Fabrics				x	x					x			
Silk Embroidery		L		x									
Silk Scarf		S											
Sumi Painting (black ink)			X	X									
Thermographic Tickets			X				X	X	X				
Textured Decorative Papers				X	X	X	X	X	X	X			
Translucent Rice Papers			X	X	X				X	X			
Two-sided Polyester Encapsulation	T												X
Vellum Animal Skins		C	X										
Watercolor (Chinese on rice paper)			X	X			X						
Watercolor Paper (unpainted)		C	X	X	X					X			



# **Other Paschke WCAF 2017 Classes**

## **Mastering Mounting: Mounting Basics - Lecture**

Monday, January 23, 12:30-3:00 pm

## **Mastering Mounting: Mounting Basics - Workshop**

Monday, January 23, 3:30-6:00 pm

## **Mastering Mounting: Creative Mounting Lecture**

Tuesday, January 24, 12:30-3:00 pm

## **Mastering Mounting: Creative Mounting Workshop**

Tuesday, January 24, 3:30-6:00 pm

## **Mastering Mounting: Digitals -Trends & Handling 2017**

Wednesday, January 25, 9:00 am-Noon

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<http://designsinkart.com/library.htm>

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chris@DesignsInkArt.com



• DESIGN • TIERED MATS • WRAPPED •

CANVAS • FAUX GLASS • LEATHER-LOOK • CUBES  
• MOSAIC •

# CREATIVE MOUNTING, WRAPPING AND LAMINATING

By Chris A. Paschke, CPF GCF

EMBOSSED • DEEP BEVEL • SHADOW BOX • CC

• DRY • TECHNIQUES • TIPS • DIGITALS •

MOUNTING • WET • SPRAY • PRESSURE-SENSITIVE

# THE MOUNTING AND LAMINATING HANDBOOK

SECOND EDITION

By Chris A. Paschke, CPF GCF

• GOLD MOUNTING • LAMINATING •

TIME • TEMPERATURE • CHARTS • SALES • CANVAS

• ROLLER LAMINATOR • MOUNTING •

TTTPM • WET • SPRAY • PRESSURE-SENSITIVE • DRY

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THIRD EDITION

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HINGES • LAMINATING • TECHNIQUES • PRICING •

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