

Mastering Mounting: Sensitive Items

Chris A. Paschke, CPF GCF

Lecture Sponsored by The Gilman Brothers Company

West Coast Art & Frame, Las Vegas 2018

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.



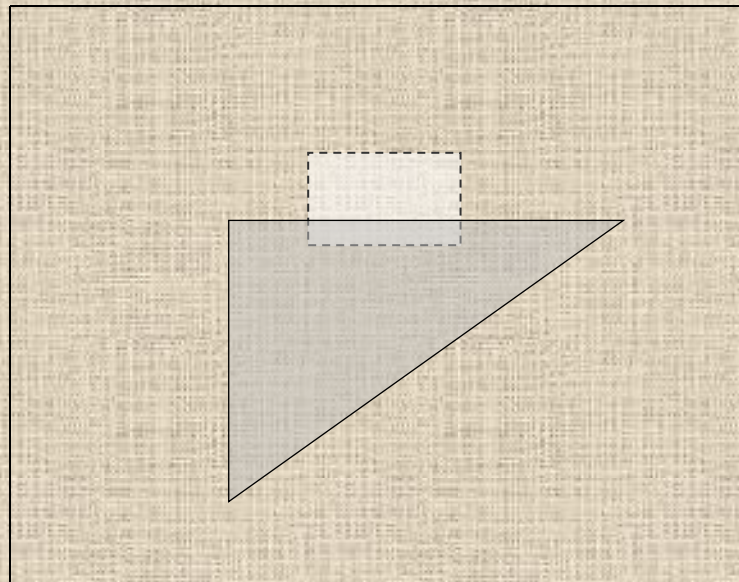


Mulberry (Kozo) paper
corner straps

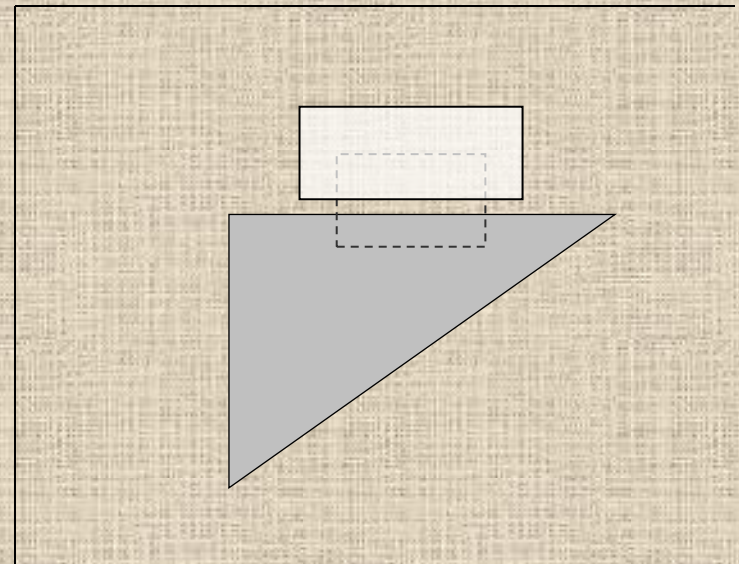


Top Hinges

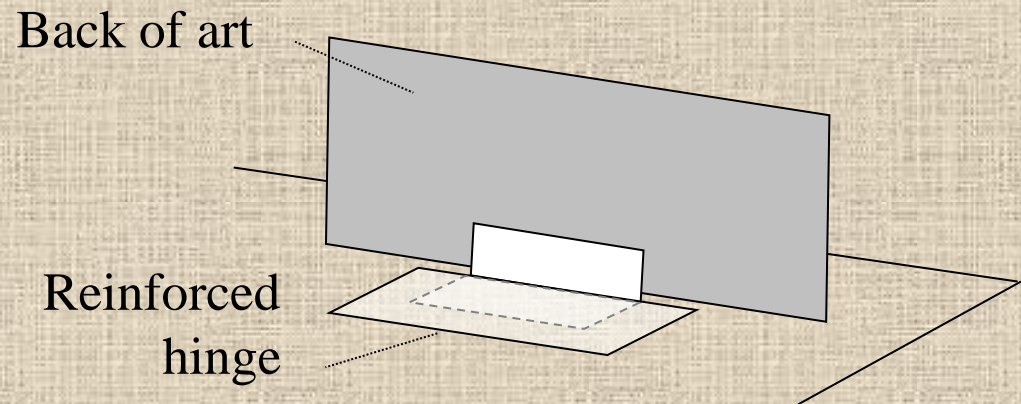
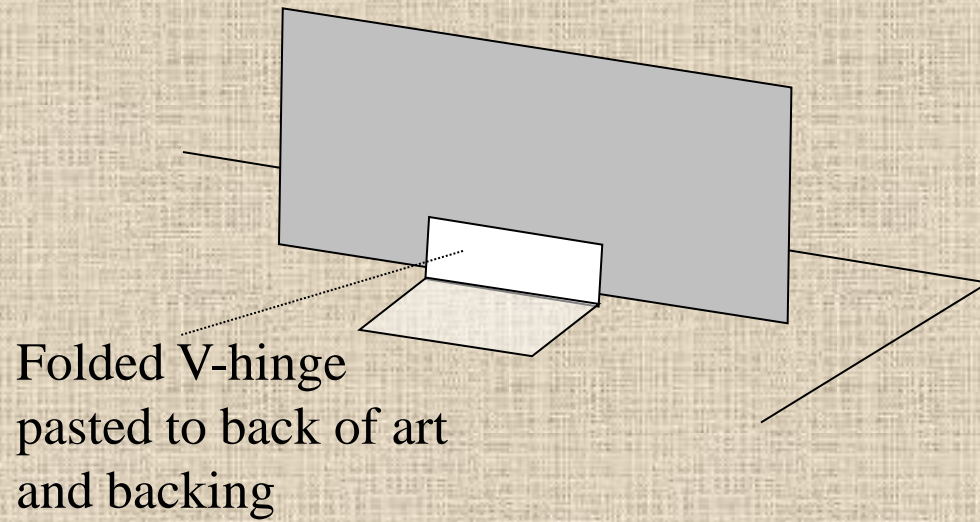
Pendant



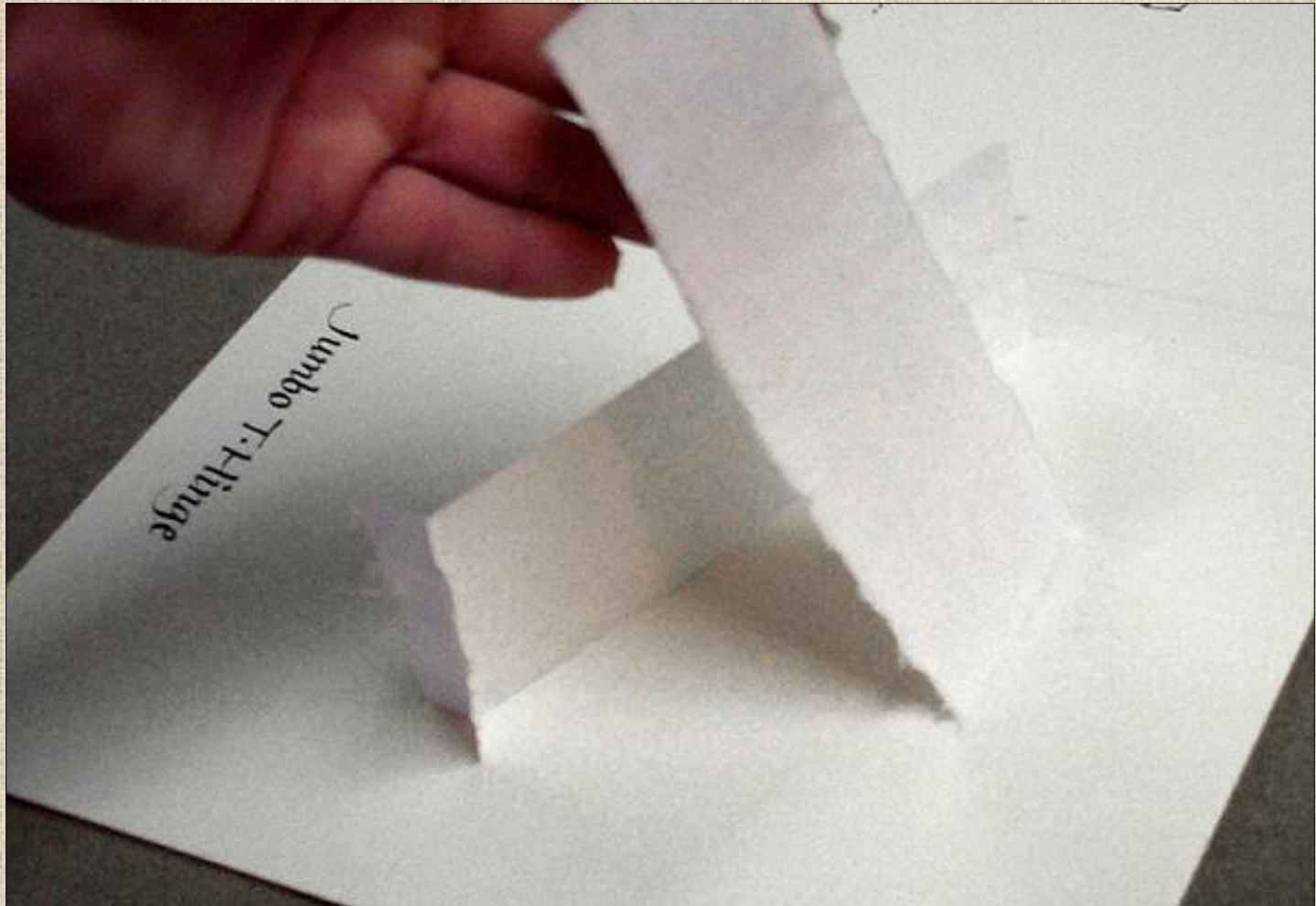
T-Hinge



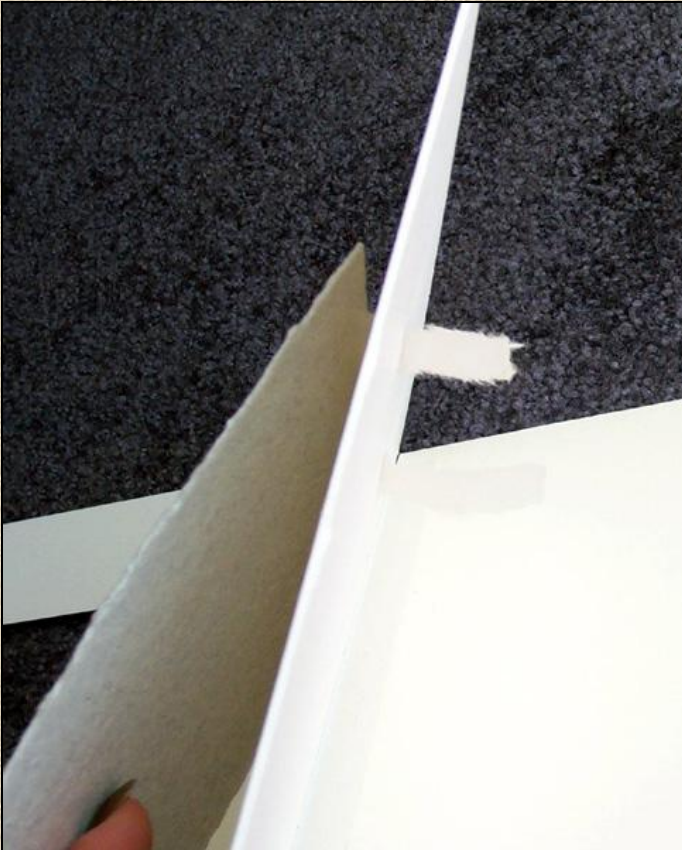
V-Hinges



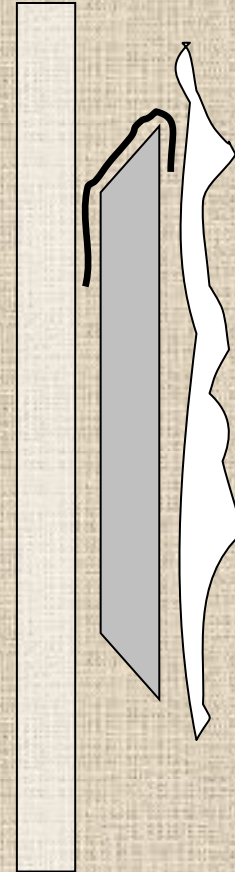
Jumbo Hinge



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

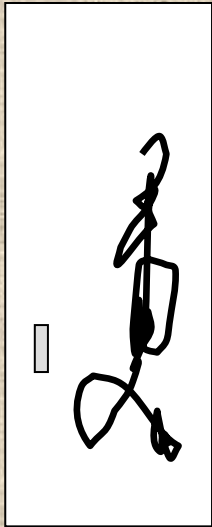




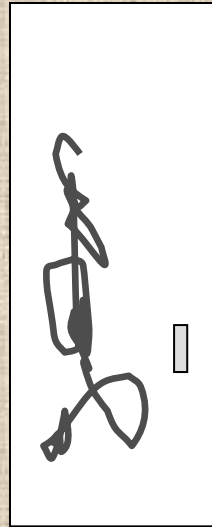


Starch Paste Kozo Backing

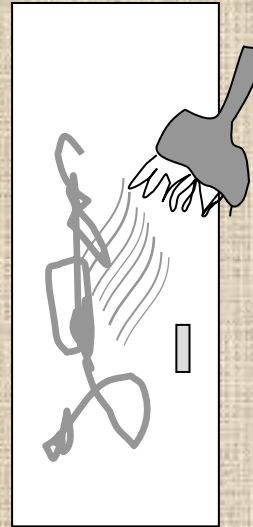
Kozo diagrams



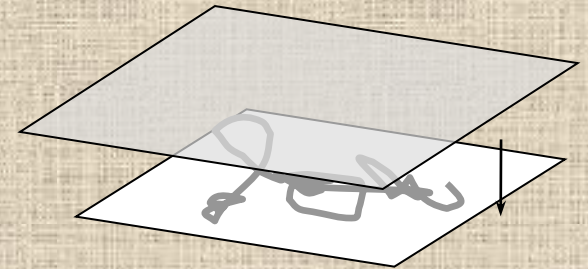
Original art



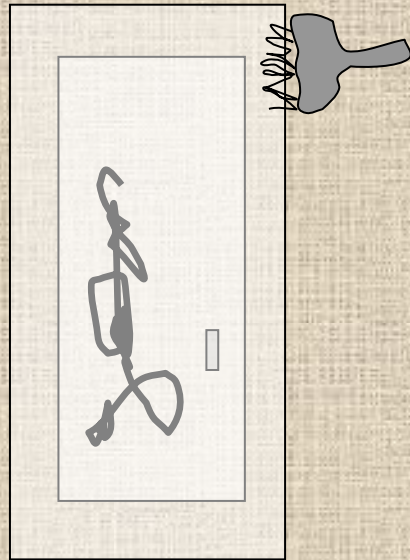
Mist table, lay art
face down, brush to
wet and flatten



Brush with
starch paste

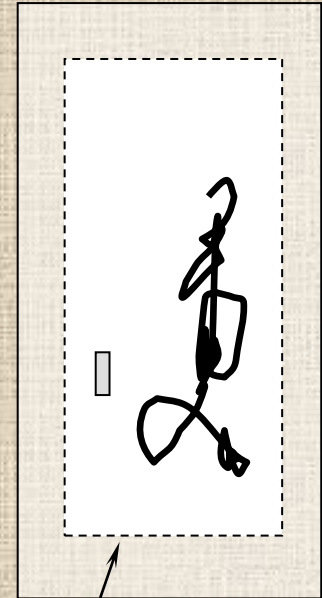
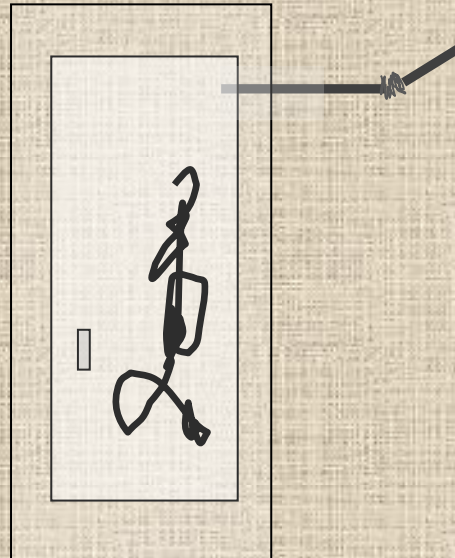


Lay kozo backing
over pasted art,
brush to fuse layers



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

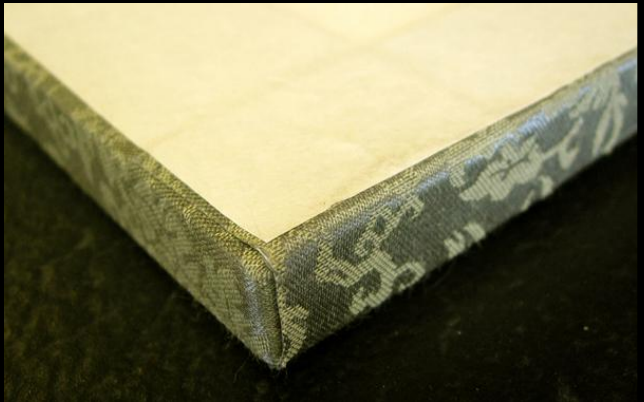
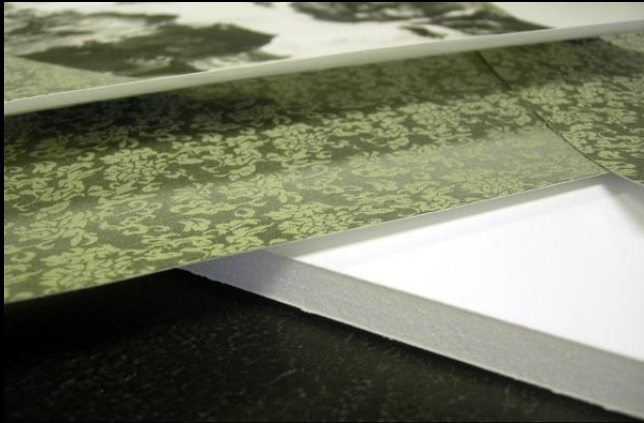
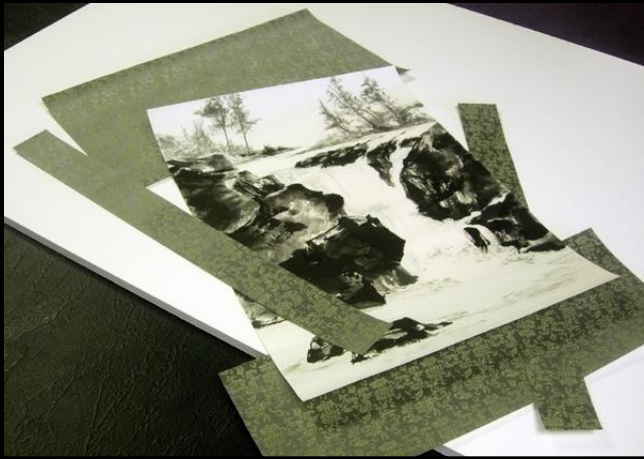
Traditional Scrolls



Western Scroll Mount



Rigid Scroll Mount





Crease Removal Options

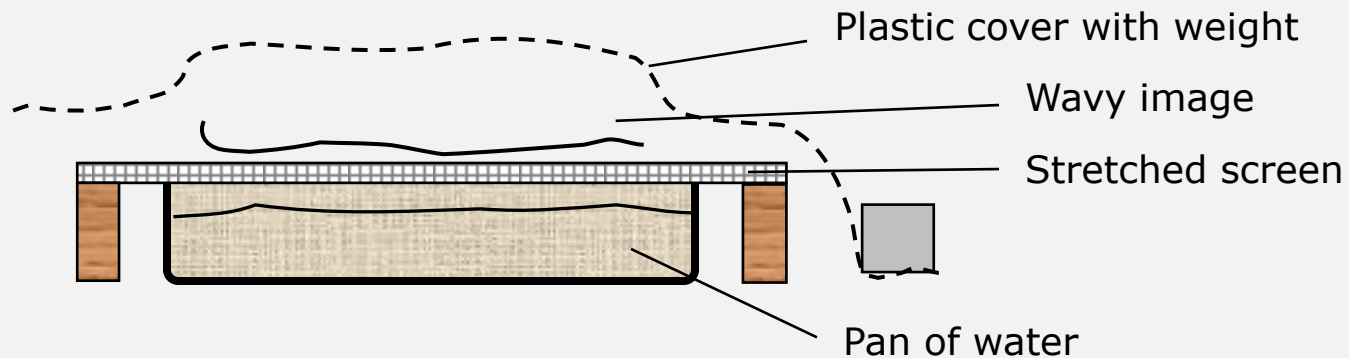
- Heat Pressing
- Humidifiers
- Asian Wet Method

Asian Wet method

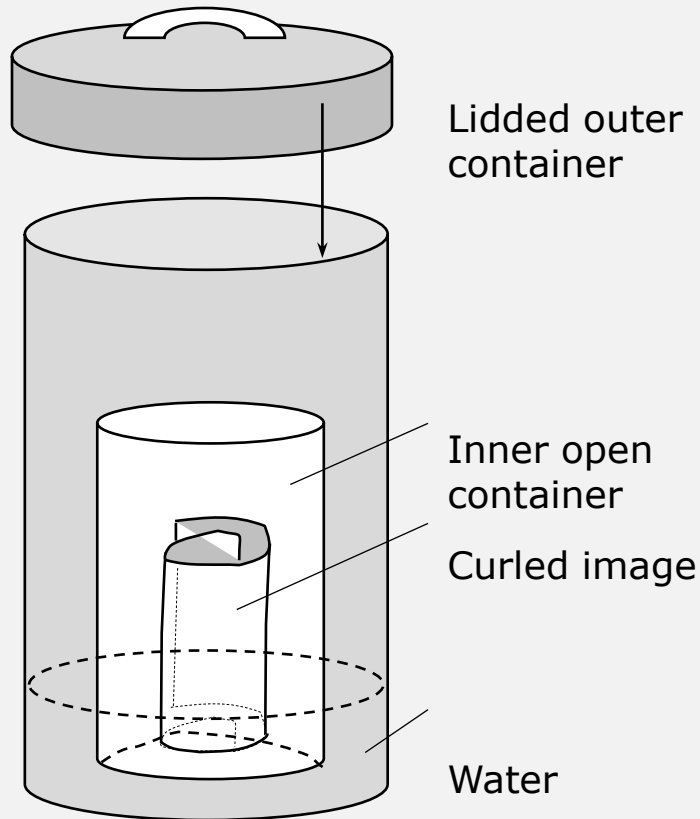


Horizontal (flat) Humidifier

- 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.



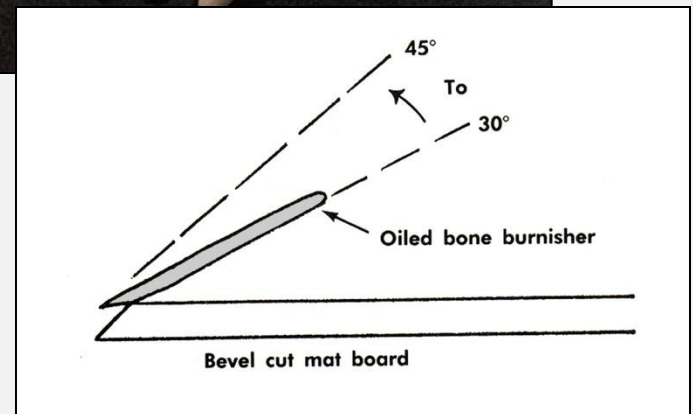
Vertical (rolled) Humidifier

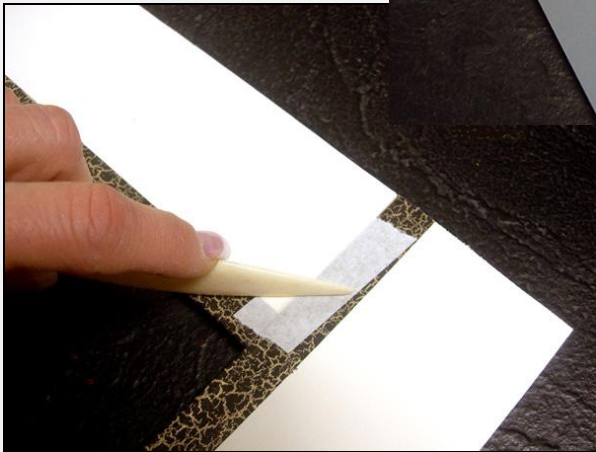
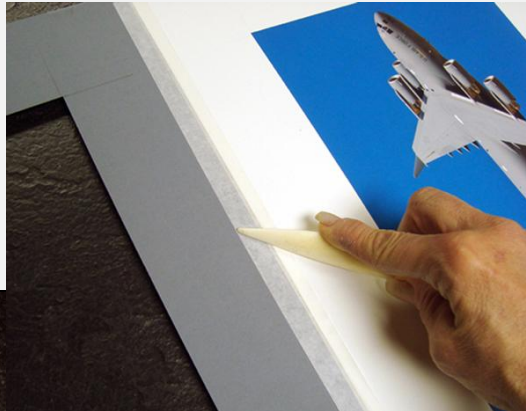
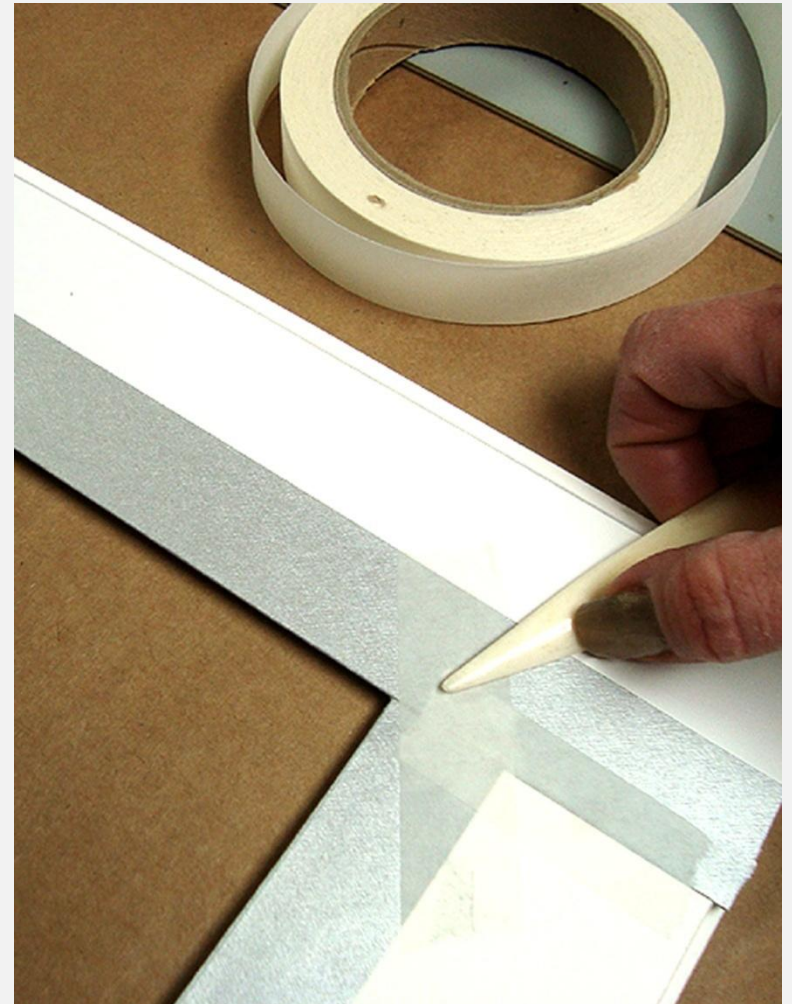
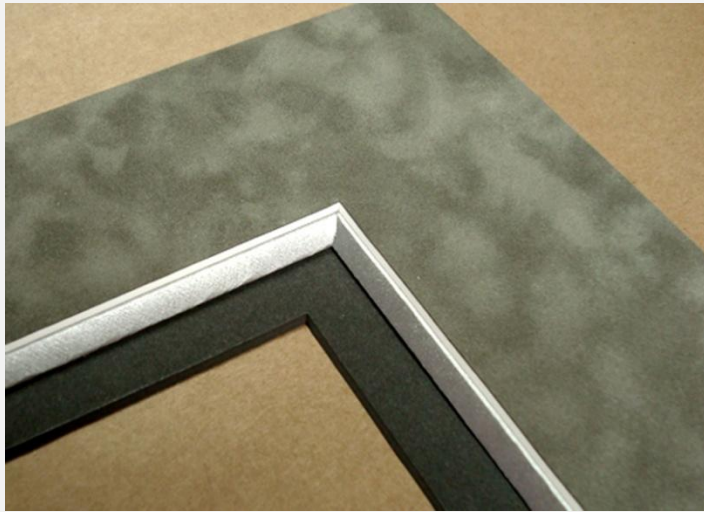


- Rolled prints require more time to absorb and relax the paper base.
- Place a small open top plastic container into a larger plastic container.
- Surround with 2-3 inches of warm water in the bottom.
- Place the rolled paper into the smaller dry container.
- Close outer lid and let paper absorb moisture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

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

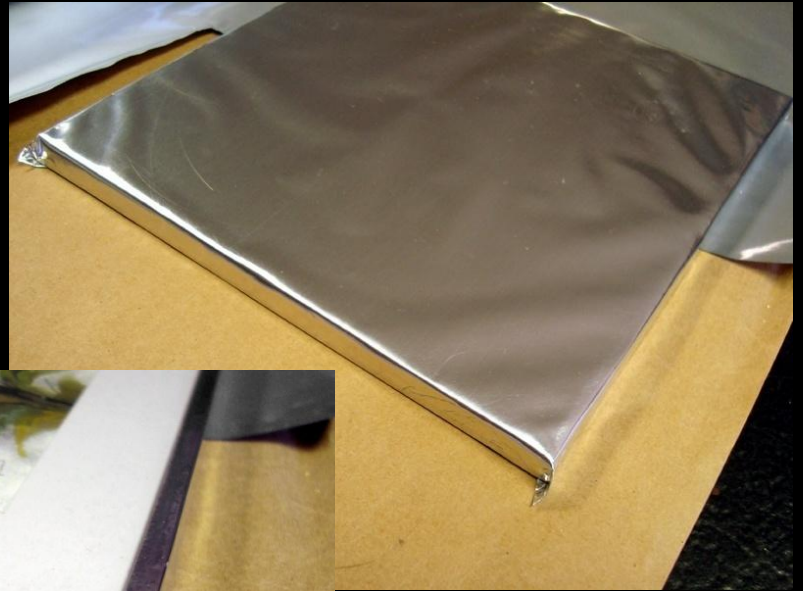
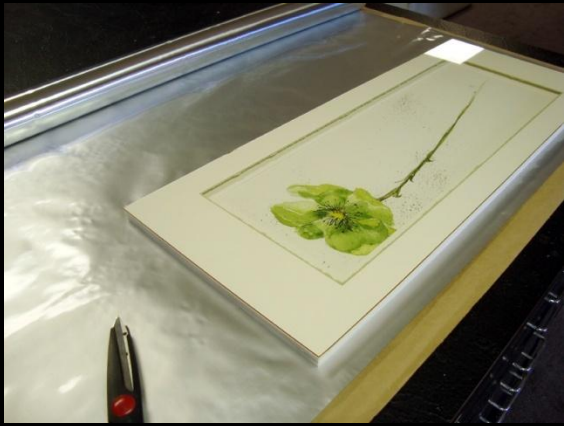
Burnishers





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>

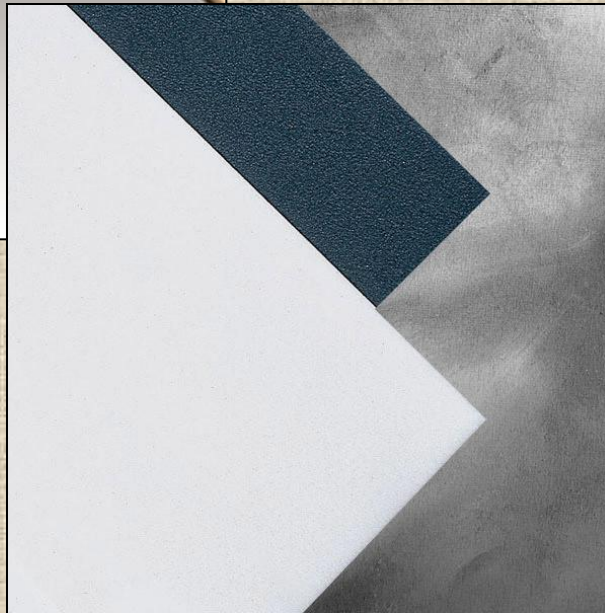


<http://www.talas.com>

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



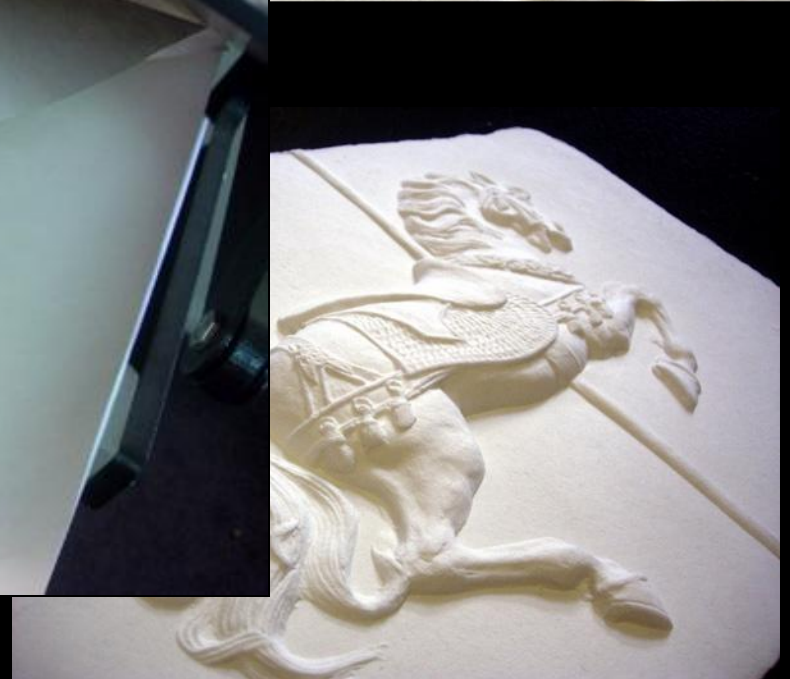
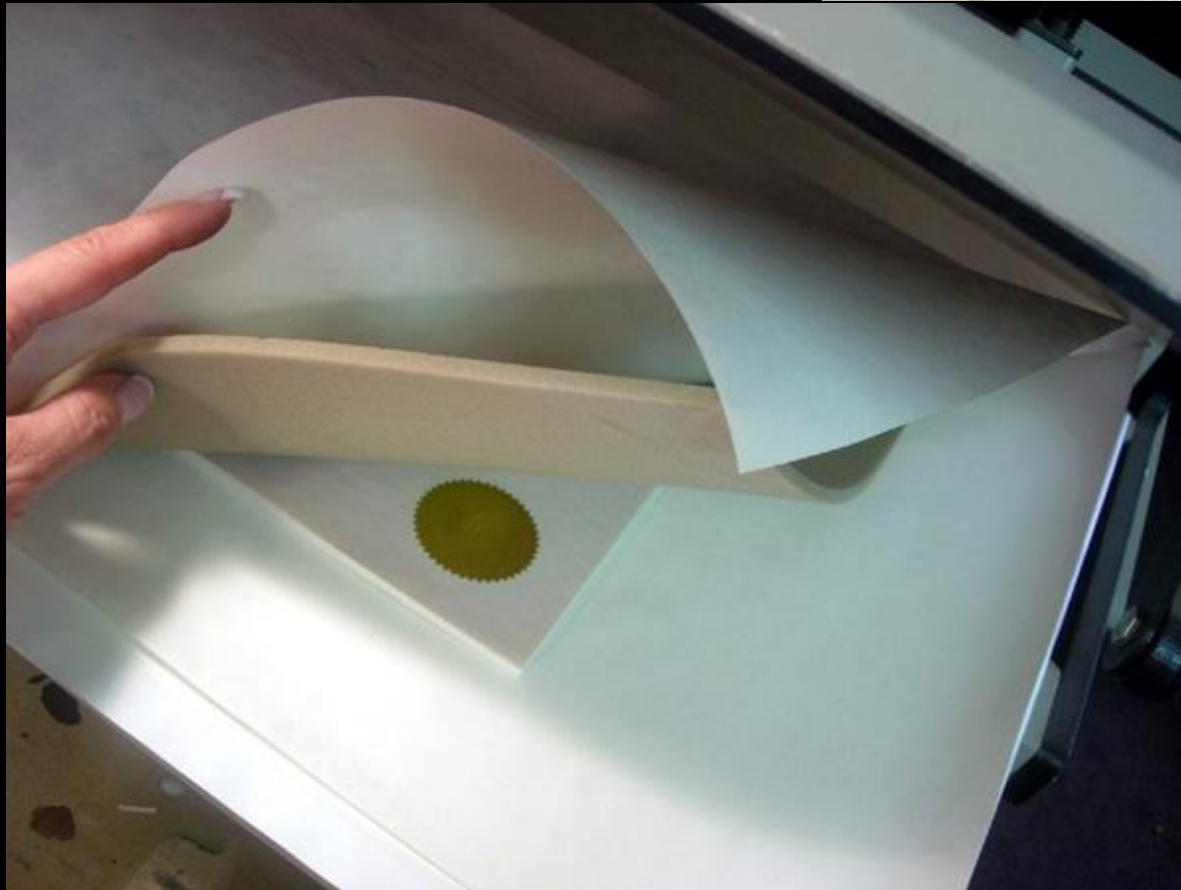
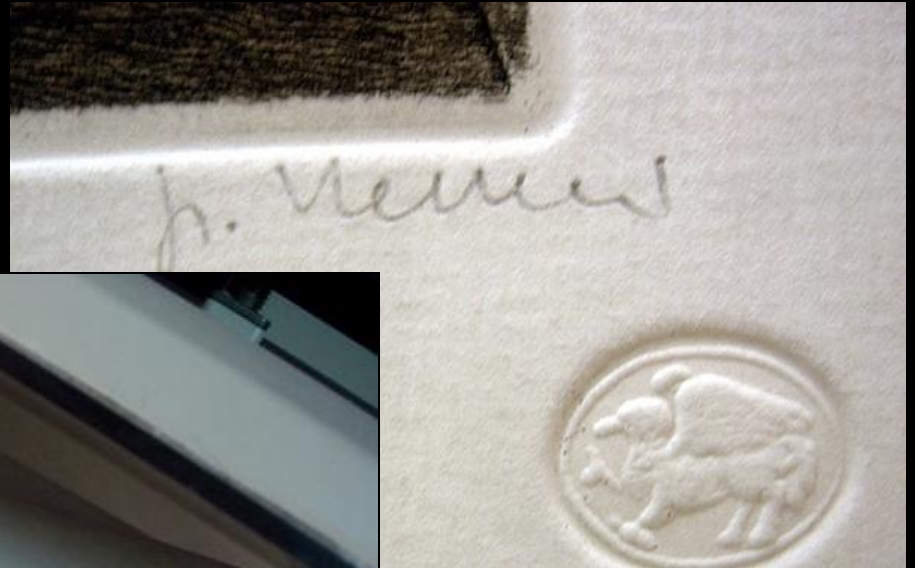
Ethylene vinyl acetate (EVA)

is the copolymer of ethylene and vinyl acetate.

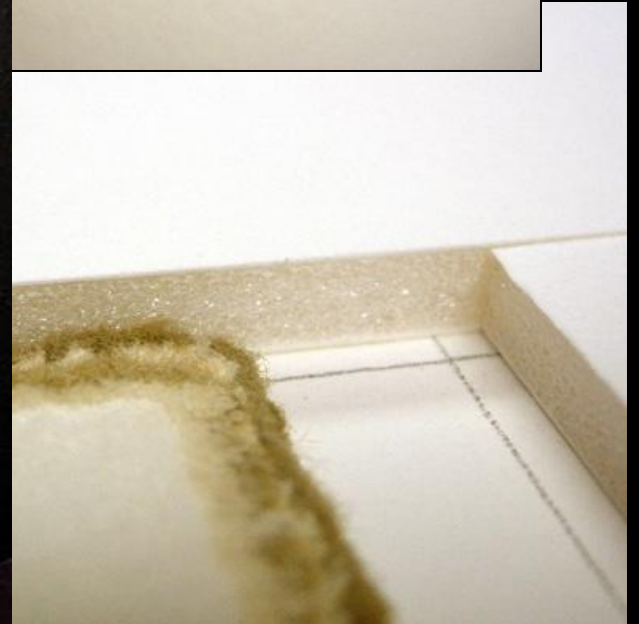
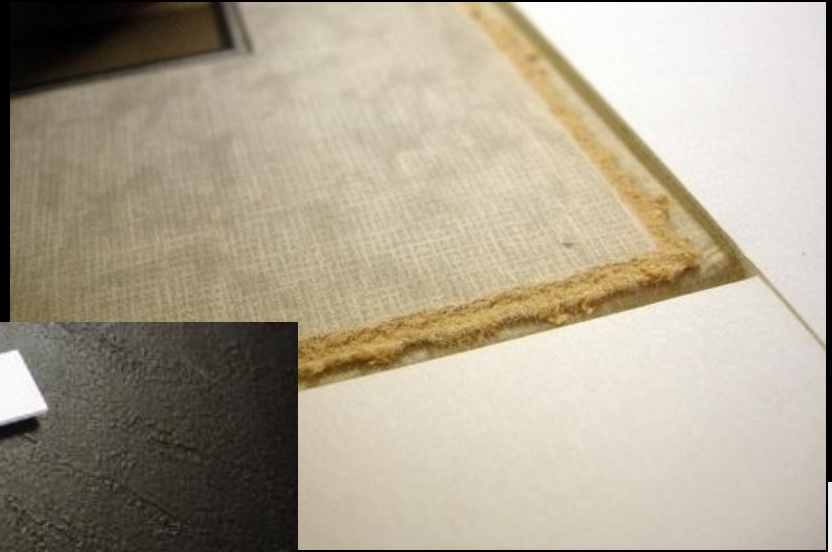
- Acid free, archival adhesive reversible with water after dry
- For conservation applications
- For bonding paper, board, fabric, canvas, leather and films to other like surfaces.
- Dries quickly to a clear flexible film, and is easily cleaned up with water.
- Jade 403 is not reversible

Jade R - EVA

Sponge Mount

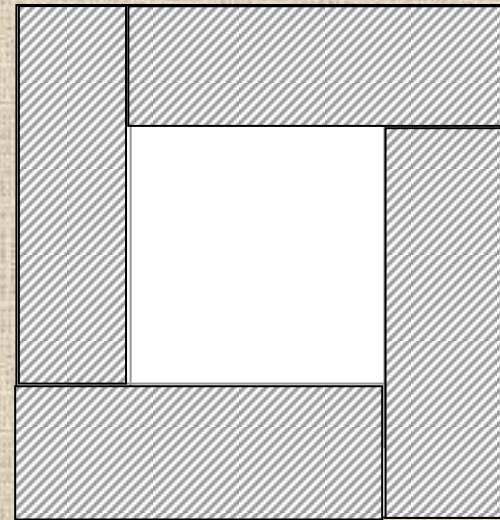
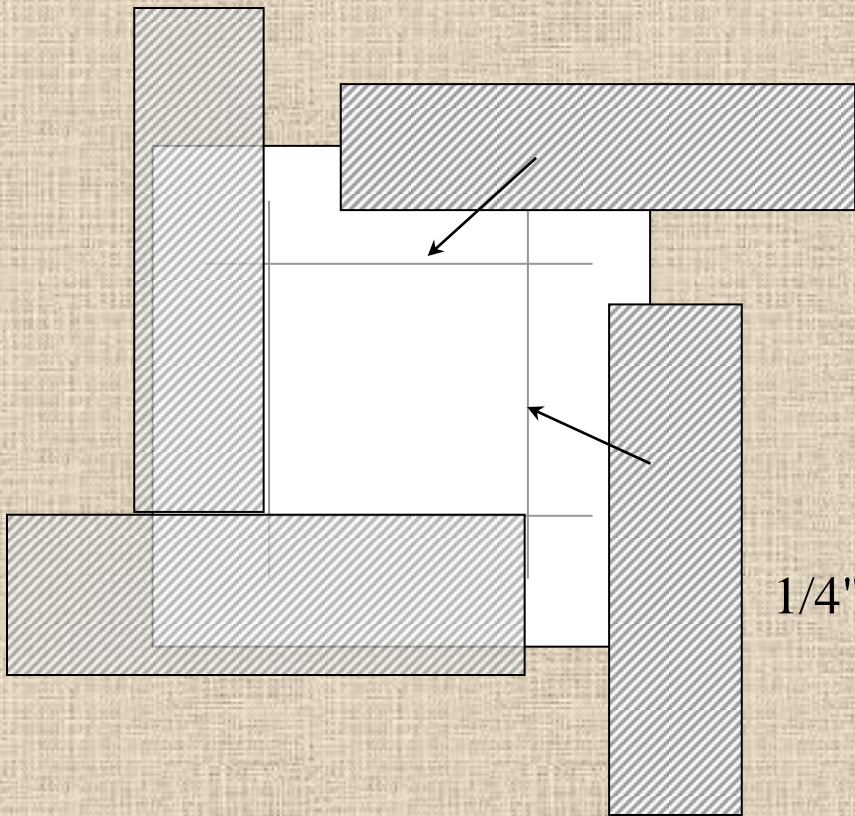


Sink Mount



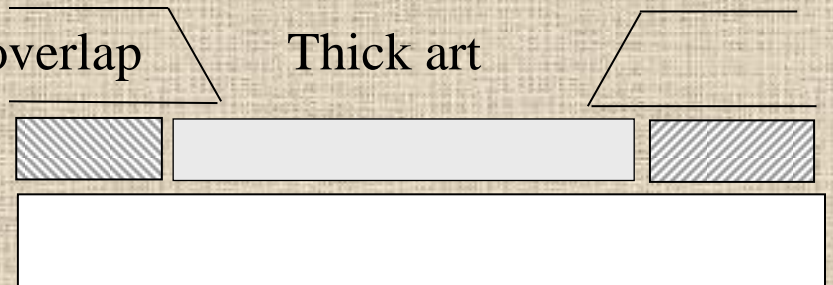
Sink diagrams

Strips glued to backing,
trimmed flush to edges



1/4" overlap

Thick art

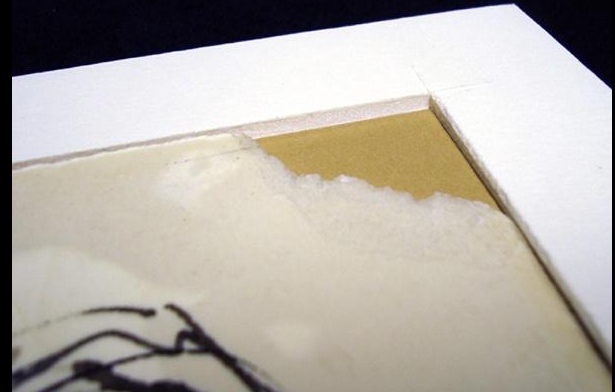


Sink Mount encaustics





Wax Saturated

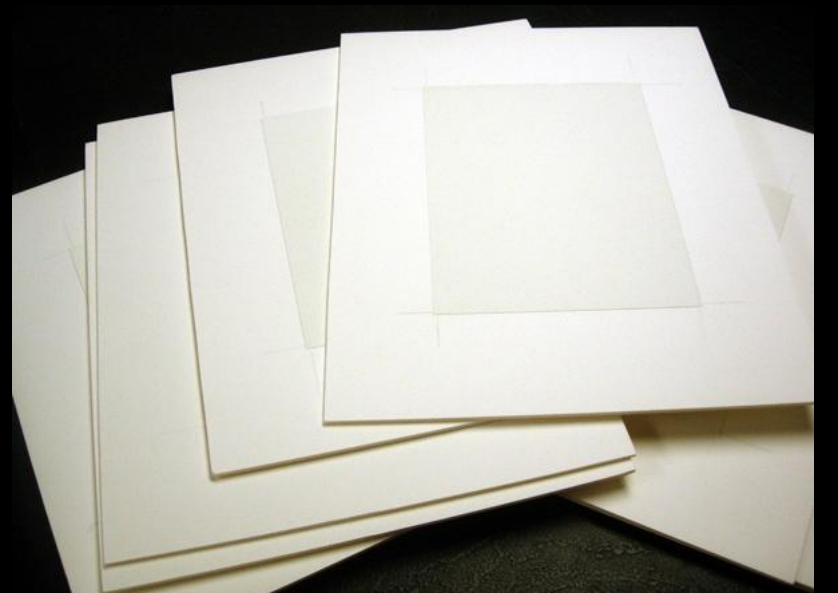


Spaced or Lifted Mount



Original Pastels

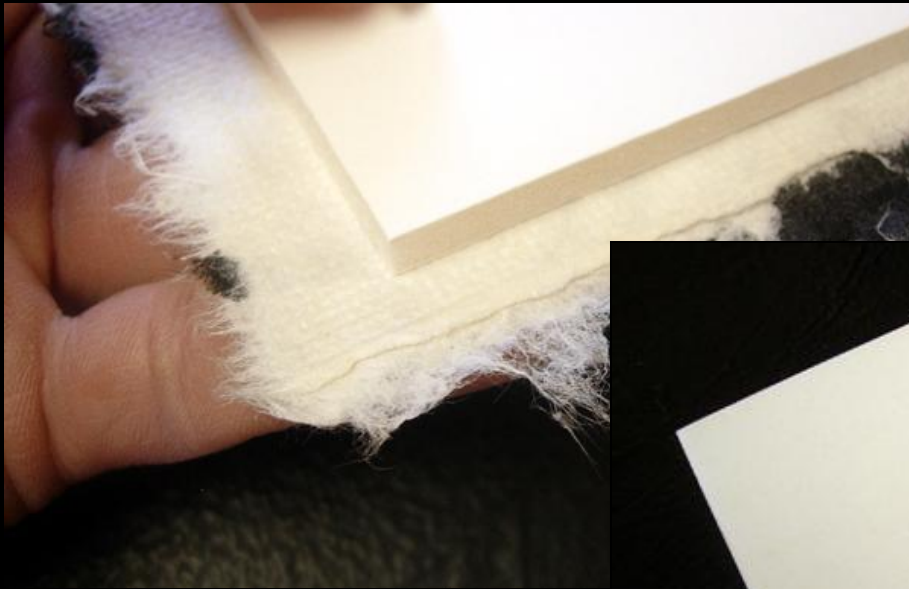
- Reverse bevels
- Lifted from surface





Cockled Papers

Elevated Deckle Mount





Papyrus

Amate Mexican Bark Paper



Tinting



Ghosting



Sheers: Tinting and Ghosting

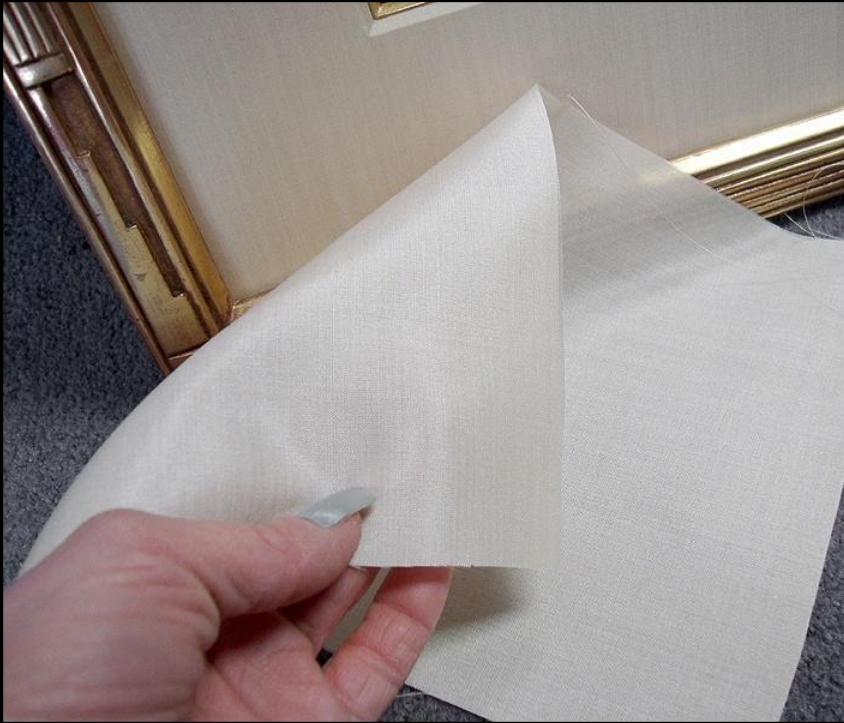


Dot Mount

Painted Bo Leaf



Wet/Dry Mount – reactivated adhesive





Static Mount

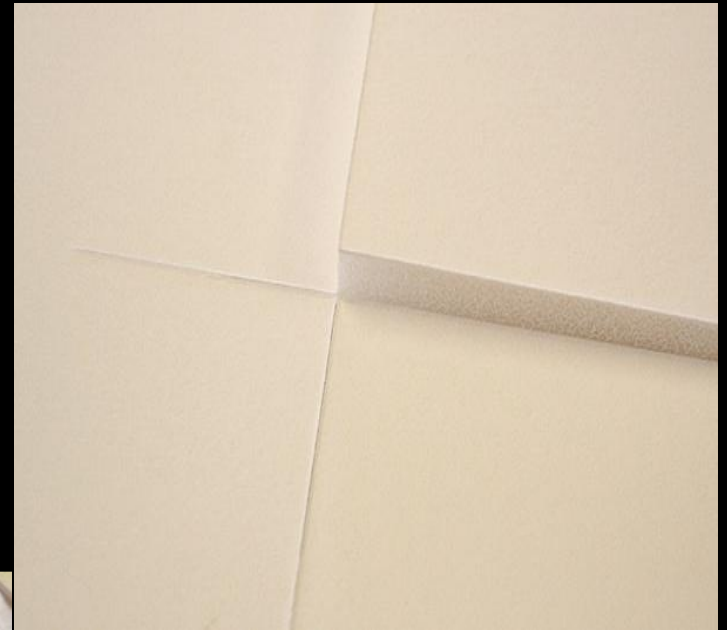
Silk and Polyester



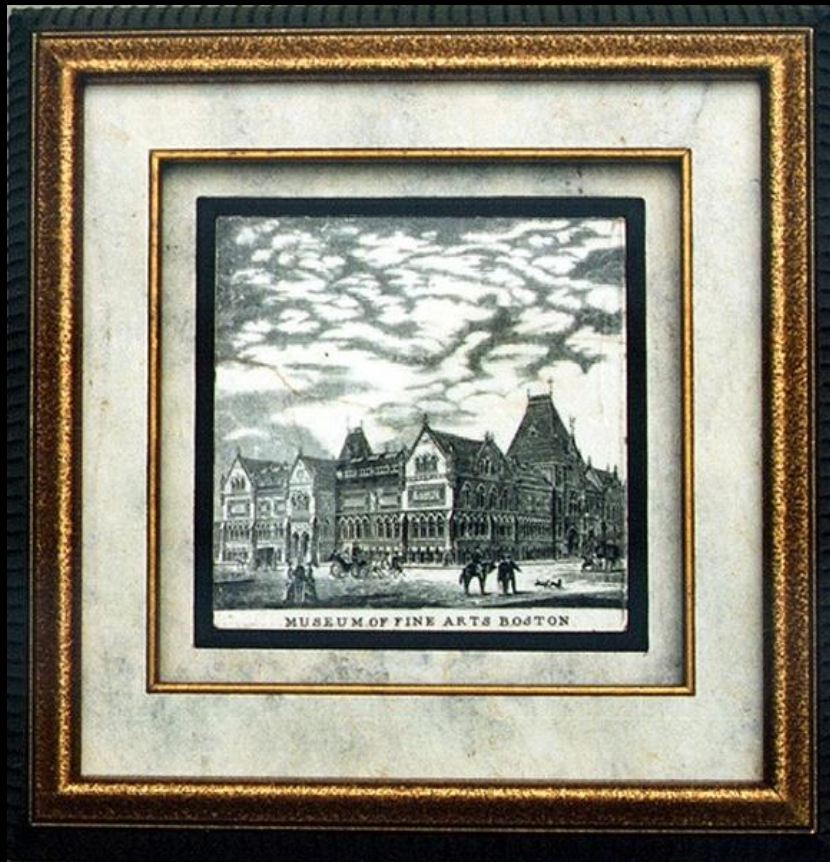
Static Mount Polyester film



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>

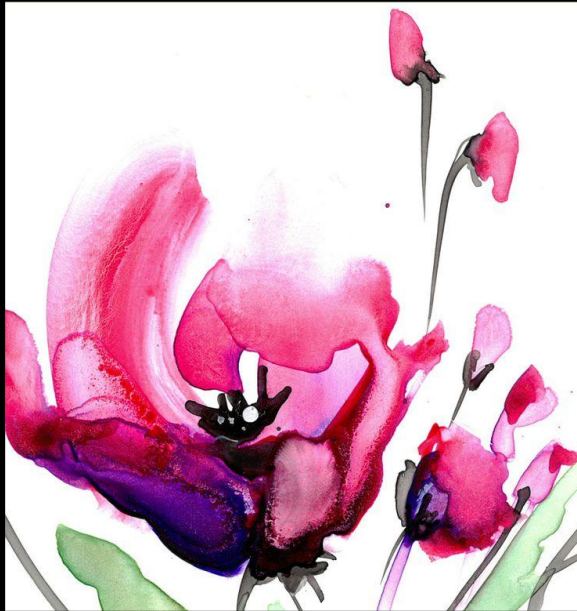


Yupo

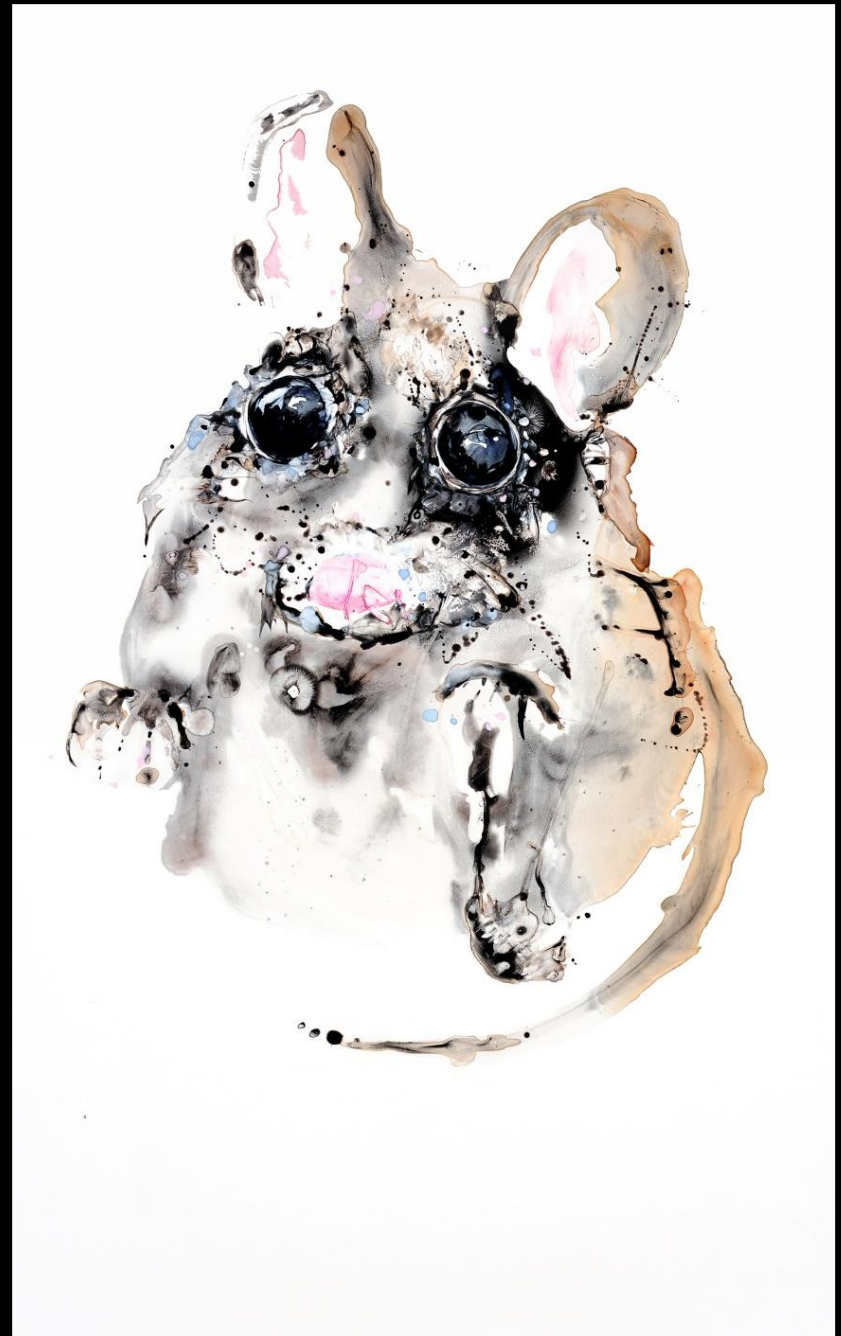


- Neutral pH, smooth, non-absorbent, waterproof, 100% recyclable, tear- and chemical-resistant, tree-free sheet.
- Extruded polypropylene pellets.
- Signage, design, packaging, labeling.
- Three layers: sheer surface (top) and base (bottom) layers formed during the extruding process, bonded to a heavier 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

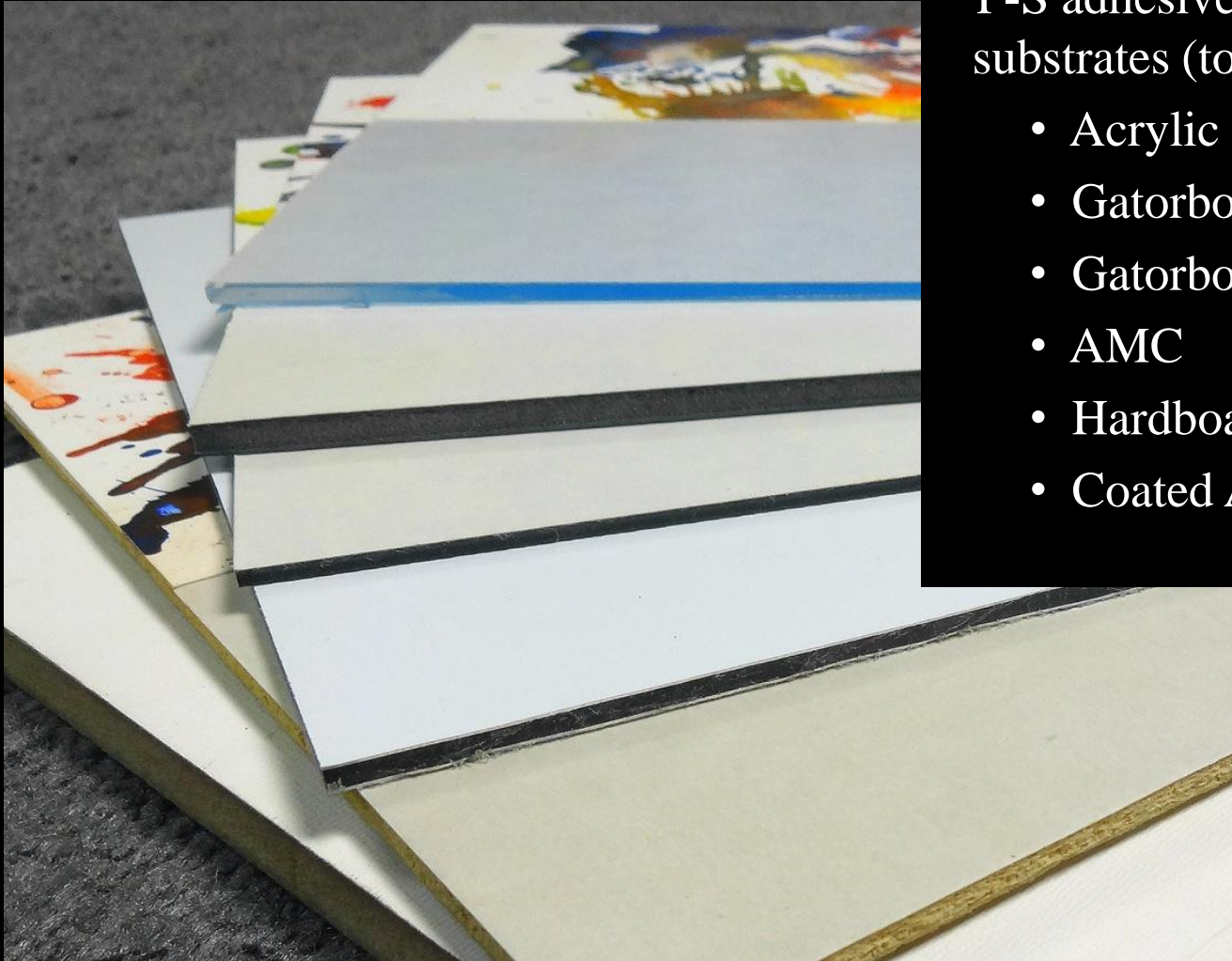
- Hardboard
- Gator – 1/2", 1/4" counter-mounted
- Sintra

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"

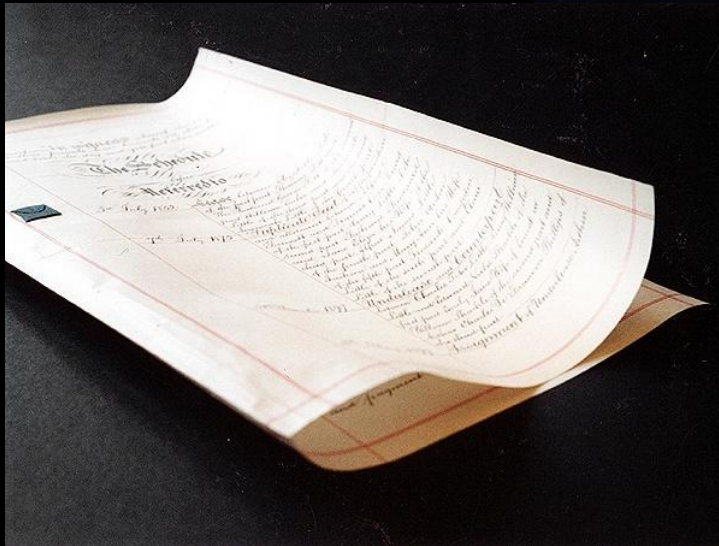
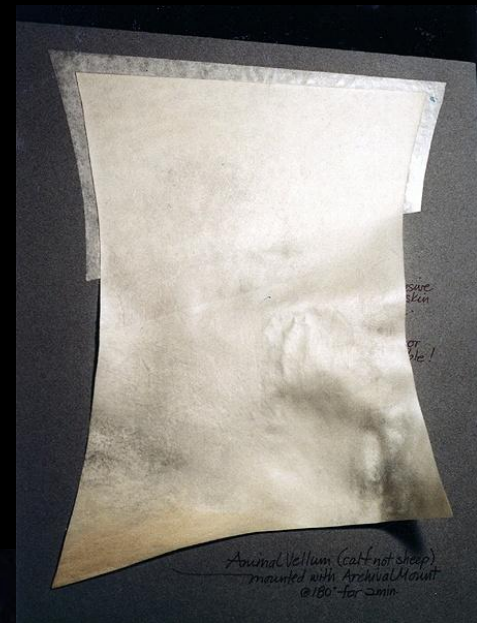


Yupo 4'x8' sheet--with
acrylic and spray paint—
P-S mounted to black
Sintra on cradle with RL.

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)	Spray Mount (bv hand)	Pressure-Sensitive Film	Pressure-Sensitive Board	Cold Vacuum Mount	Dry Mount	HA Laminator 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	Dry Mount	HA Laminator 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 2018 Classes

Design Elements: Understanding Color

Tuesday, January 24, 9:00am-11:00am

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

Design Elements: Shades of Gray

Wednesday, January 25, 10:00 am-Noon

Paschke Online
Article Archive and Reference Library

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

Articles by Subject:
West Coast Art & Frame PowerPoint and PDF

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Designs Ink
661-821-2188
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 •
• TIME • TEMPERATURE • CHARTS • SALES • CANVAS

THE MOUNTING AND LAMINATING HANDBOOK

SECOND EDITION

By Chris A. Paschke, CPF GCF

MOUNTING • WET • SPRAY • PRESSURE-SENSITIVE
• GOLD MOUNTING • LAMINATING

• ROLLER LAMINATOR • MOUNTING •

HINGES • LAMINATING • TECHNIQUES • PRICING

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