

Mounting Board Comparisons for Canvas

Board	Info						Bond					Equipment					Temp				Digital Tolerance							Canvas				Notes		
Boards were tested in an independent study with raw and digitally printed canvases test mounted manually, with mechanical press, and vacuum systems. Adhesion was checked immediately and at intervals up to two months. Product information based on manufacturer claims. Suggestions are for canvas mounting only.	Neutral pH	Reversible	Removable	Permanent	Slight Odor	Warped in Case	Repositionable	Immediate Grab	After 12 Hour	After 2 Months	50% Bond	Shear Strength	Manual	Cold Vacuum	Cold Rollers	Hot Vacuum Press	Mechanical Press	150-170 degrees F	170-185 degrees F	180-190 degrees F	190-200 degrees F	Electrophotographic	Electrostatic/Laser	Dye Sublimation	Thermal Transfer	Phase Change Inkjet	Thermal Inkjet	Piezo Inkjet	Digital Canvas	Raw Canvas			Digital canvases will generally be printed with thermal or piezo inkjet.	
Pressure-Sensitive																																		
Bainbridge SA Foamboard				X			X		X	X	x	X	X	X								X	X	X	X	X	X	X	X	X	5			
SA Mountboard XX	X			X			X				5	x	X	X	X	X						X	X			X	X	X	X	5	5		Orange peel potential	
Elmer's Quick Stick HT Self Adhesive	X			X					X	X		X	X	X								X	X	X	X	X	X	X	X	X	X			
Crescent PerfectMount Board XX				X			X				5	x	X	X	X							X	X			X	X	X	X	5	5		Not for canvas	
PerfectMount Foam				X			X				5	x	X	X	X							X	X	X	X	X	X	X	X	1	5		Not for canvas	
Alcan Self Adhesive Fome-Cor LT				X							1		X	X	X							X	X	X	X	X	X	X	X	1	1			
Drytac PS Gatorfoam								X	X	X		X			X	X						X	X	X	X	X	X	X	X	X	X			
Foam Board								X	X	X		X			X	X						X	X	X	X	X	X	X	X	X	X			
Gilman High Tack Foam	X								1	1		X	X	X								X	X	X	X	X	X	X	X	1	1			
Hartman HarTac											5	x	X	X	X							X	X	X	X	X	X	X	X	5	5			
Savage NuCor Pressure Sensitive											5	x	X	X	X	X						X	X	X	X	X	X	X	X	5	5			
Prestax ProCore-Extra Heavy Wt											5	x	X	X	X	X										X	X	X	5	X			Orange peel potential	
P-S Adhesives (Gudy, PMA, PerfectMount...)	X												X	X								X	X	X	X	X	X	X	1	1			Depends on board	
Heat Activated																																		
Bainbridge Artcare Restore	X	X										x	X			X	X	X					X	X			X						Not advised for fabrics	
SpeedMount			X									x	X			X	X	X					X	X			X						Not advised for fabrics	
Heat Activated Foam (HAF)			X									X			X	X							X	X			X		X				Excellent hold	
Bienfang Single Step				X	X	X						X			X	X					X								X	8				
Step 150			X		X							X			X	X	X	X					X	X			X	X	X	X				
Alcan/IP HA Fome-Cor				X								X			X	X		X					X	X			X		X	X				
Gilman Heat-Activated Foam				X	X	X						X			X	X	X	X					X	X			X						Not good for fabrics	
Hartman HartMount				X		X						x	X		X	X				X			X	X			X		5	5			Not good for fabrics	
Savage NuCor Heat Activated Foam			X									x	X		X	X		X	X				X	X			X		8	5			Not advised	
Filmtax ProCore Heavy Wt			X									x	X		X	X		X			X								5	5			Not advised	
Pure Film Adhesives (Drytac, Bienfang, PrintMount...)	X											X			X	X		X	X				X	X			X						Watch temperatures	
Digital Tissues (GicleeMount, RagMount..)	X			X								X			X	X		X	X				X	X			X						Temperatures	

Numbers indicate approximate percentage of bond/hold. Empty boxes indicate bond failure. X – passes test; **X** – excellent bond; x – marginal bond.

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