

Expression® Finish Guard® UV Laminating Materials

Mounting and Laminating Artwork with Finish Guard® UV

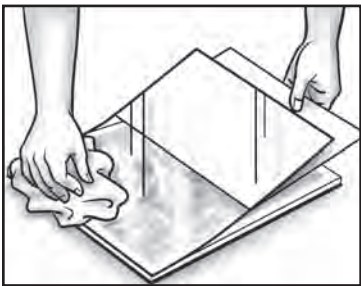
1. Warm up the press to the proper temperature setting for Finish Guard® UV and the equipment being used. For mechanical presses use the recommended temperature shown in the "Specifications Chart", vacuum presses use a recommended temperature of 10°F less.
2. Reduce moisture levels in porous artwork and substrates by pre-drying if necessary. To pre-dry* when using a mechanical press, place the artwork and substrate between two sheets of Kraft paper, insert in the pre-warmed press and close for approximately 45 seconds. Then open the press and repeat this cycle for 30 seconds more. Vacuum presses eliminate the need for pre-drying.

* For best results, RC photographs should always be pre-dried face down on top of a piece of clean paper.

HOW TO USE FINISH GUARD™ UV LAMINATING FILMS



1. Assemble the materials for mounting (if desired) by placing a dry mounting adhesive on the back of the artwork, tacking it in place with an Expression® Tacking Iron and trimming the adhesive to the edge of the artwork if desired. Then position the artwork face up on the substrate and tack the adhesive to the substrate. When tacking, a small piece of Release Paper should be placed between the iron and adhesive.



2. Assemble the materials for laminating by cutting the Finish Guard™ UV film to the approximate size of the artwork (and then perforating if necessary), removing the release liner, applying the film to the face of the artwork, and smoothing with a soft cloth.

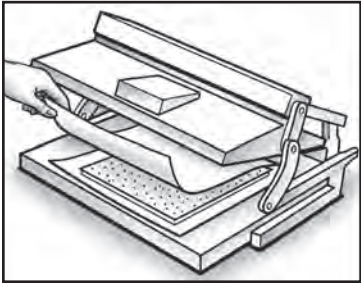
* RC photographs require perforation of the Finish Guard UV film to allow air and moisture to escape. To do this, cut the film to size, lay with release liner side down on a smooth board and use a Bienfang Perforator to lightly and randomly perforate the film. The resulting perforations should be 1/8" to 1/4" apart.

** For large prints, apply the film by peeling the release liner back one inch and applying the exposed film to the print; peel off the rest of the release liner while smoothing the film onto the surface of the print.

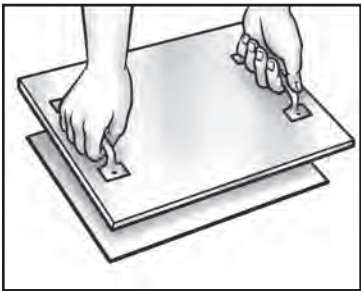
(continued)

INSTRUCTIONS

Expression® Finish Guard® UV Laminating Materials



3. Laminate the artwork by covering the assembled materials with an Expression® Sponge Foam Overlay, placing them between two pieces of Expression® Release Paper and inserting the assembly into the press. Close and lock the press, making sure adequate pressure has been applied (see press Owners Manual). Leave in the press long enough to heat the Finish Guard™ UV, adhesive and substrate up to the minimum temperature. Refer to the "Time Chart" to determine the suggested time for a particular substrate material and size when using either a mechanical press or combination vacuum press.



4. Cool the materials after removing from the press. Place an Expression® Weight on top of the materials to cool them faster, give them a flatter set and increase the bond strength. Do not bend, flex or otherwise test the strength of the bond until fully cooled.

TIME CHART

	Expression® MASTERPIECE® MECHANICAL PRESSES			Expression® VACUUM PRESSES		
SUBSTRATE	8" x 10"	16" x 20"	per section if larger than press	32" x 40"	32" x 40" to 40" x 60"	40" x 60" up to 48" x 96"
3/16" FOAM BOARD	7 min.	9 min.	6 min.	8 min.	12 min.	
50-80 PT. CARD BOARD	5 min.	8 min.	10 min.	8 min.	10 min.	15 min.
1/8" – 1/4" MASONITE	8 min.	12 min.	15 min.	12 min.	15 min.	20 min.

SPECIFICATIONS

Expression® FINISH GUARD® UV LAMINATING MATERIALS			
pH CONTENT:		RECOMMENDED TEMPERATURE	
Adhesive	7.0	MOUNTING PRESSES	225°F (107°C)
Base	7.0	ROLLER LAMINATORS	190°F (88°C)
BASE MATERIAL	Vinyl	MINIMUM TEMPERATURE	200°F (93°C)
THICKNESS (MILS)		BOND	Permanent
Lustre, Canvas	2.5	RELEASE LINER	One (Paper)
Satin Matte, Linen	3.5		
Ultra-Matte	4.0		

DISCLAIMER

The information contained herein is based upon research and believed to be accurate, but the accuracy and completeness of our recommendation is not guaranteed. The user shall determine the suitability of the product for their intended use, before using the product, and the user assumes all risk and liability whatsoever in connection with the use of the product. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or inability to use the product. The following is made in lieu of all warranties, expressed or implied: Seller's and Manufacturer's only obligation shall be to replace or credit such quantity of the product proved to be defective.