

Expression® VacuGlue® 300 Acid-Free Wet Mounting Adhesive

DESCRIPTION

VacuGlue300 is a natural vegetable starch-based adhesive that is pH neutral (acid-free), water-soluble, odorless and freeze-thaw stable. VacuGlue 300 can be used to mount all types of artwork, including posters, prints, photographs and fabrics. It is particularly well-suited for use with mountboard, foamboard, chipboard, masonite and glass. VacuGlue 300 may be applied with a brush, roller or spray gun and sets quickly with either a vacuum press, dry mount press or rubber brayer.

SPECIFICATIONS CHART

VACUGLUE® 300 ACID-FREE WET MOUNTING ADHESIVE			
pH CONTENT	7.0	COVERAGE	Approx. 600 square ft./gallon (Approx. 15 square meters/liter)
BASE MATERIAL	Vegetable Starch	SHELF LIFE	One year
OPEN TIME	7 Minutes	SIZES	64 fl. oz./bottle (1.9 liters) 5 gal. bucket (19 liters)
SET-UP TIME	15-30 Minutes	BOND	Reversible with water

DIRECTIONS

For best results use either a Bienfang® Vac-u-Press™ Vacuum Press or a Masterpiece Mechanical Press. A rubber brayer roller and flat weight can also be used with excellent results. Following these directions should ensure that the VacuGlue 300 is applied properly, set up under adequate pressure and allowed enough time to fully cure. Meeting these three requirements should create a long-lasting, high-quality bond.

Mounting Artwork with VacuGlue® 300

1. Apply the VacuGlue 300 evenly onto the substrate using a paint roller (foam or low nap), brush or spray gun.

- For resin-coated photographs and other non-porous materials, apply the adhesive to the backside of the artwork.

2. Position the artwork while still wet (up to 7 minutes) onto the substrate. The artwork can easily be repositioned or removed from the substrate while the adhesive is still wet.

3. Cover the artwork with porous Kraft Paper to absorb any excess adhesive.

4. Set the adhesive to create the initial bond in a vacuum press, mechanical press or by hand.

- **In an Expression VacuPress™ Vacuum Press:** Place the materials in a cold vacuum press while the adhesive is still wet. Turn the vacuum on for 3-5 minutes (use 5-10 minutes for non-porous materials).
- **In an Expression Masterpiece® Mechanical Press:** Warm the press up to 175° to 195°F. Insert the materials to be mounted into the press while the adhesive is still wet. Close and lock the press for 1-3 minutes depending on the size and type of the artwork.
- **By Hand:** Using firm pressure, roll a rubber brayer over the materials working from the center toward the edges. Eliminate wrinkles and ensure good contact between the artwork and the adhesive.

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5. Cure the adhesive by placing the mounted materials under an Expression® Weight and allow sufficient curing time (30 minutes for work set in a vacuum press or dry mount press, 3 hours to overnight is recommended if set by hand). Do not bend, flex or otherwise test the strength of the bond until fully cured.

Reversing the VacuGlue® 300 Process

VacuGlue 300 is reversible with the use of water, even at a later date. Extreme care must be taken with some materials that will be effected by contact with water or excess moisture. Test the materials first for stability and color fastness. One of the methods listed below may be appropriate:

1. Immerse the substrate and artwork in water until the adhesive is dissolved and the artwork released.
2. Mist water over the artwork (covered with Kraft Paper), place in vacuum press, and generate vacuum for 1-5 minutes to remoisten the adhesive and allow removal by gently peeling the artwork off the substrate.
3. Moisten an edge of the artwork and dissolve the adhesive. Gently peel the artwork off the substrate while spraying more water between the artwork and substrate until the artwork is removed.

Counter mounting with VacuGlue® 300

Counter mounting is recommended (especially with a thin, porous substrate) to eliminate excessive bowing. Follow these step-by-step directions:

1. Apply the VacuGlue 300 evenly to the back of the substrate.
2. Position the substrate, while still wet, adhesive side down onto a piece of porous Kraft Paper.
3. Apply the VacuGlue 300 evenly onto the front of the substrate.
4. Position the artwork while still wet onto the substrate
5. Cover the artwork with porous Kraft Paper to absorb any excess adhesive.
6. Set and cure the adhesive following the previous directions.

Expression VacuGlue 300 is available from Lion in 1.89lt containers. Part No. 6210. Check Lion website for current price.

DISCLAIMER – Please read carefully

The information contained herein is based upon our research and believed to be accurate, but the accuracy and completeness of our recommendations 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 of or inability to use the product.

The following is made in lieu of all warranties, express or implied: seller's and manufacturer's only obligation shall be to replace or credit such quantity of the product proved to be defective.