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*EQUIPMENT, SUPPLIES, AND SERVICES FOR INSTITUTIONS AND INDIVIDUALS*

### **Instructions for the Use of BEVA ® 371 Film**

BEVA 371 FILM is made of pure BEVA 371 ADHESIVE (SOLUTION) developed by Gustav A. Berger in 1970.

BEVA FILM comes sandwiched between a white silicone-coated paper and a silicone-coated polyester release sheet. The BEVA FILM and its silicone film release sheet are completely transparent and dimensionally stable.

BEVA FILM is available in rolls, 27 inches wide and 20 feet long (69 x 610 cm). If wider sizes are required, two or more pieces of BEVA FILM may be joined by taping them together from the back of the polyester film release sheet.

#### **Lining a Painting with BEVA ® 371 Film**

- I. Preparation of the Support:
  - a. Align the painting on the support and mark its outline on it.
  - b. Cut a piece of the BEVA FILM to cover the outlined area.
  - c. Remove the white cover sheet. The BEVA FILM remains on the inside of the polyester film release sheet (the FILM side feels soft to the touch and looks slightly matte).
  - d. Place the BEVA FILM on the outlined area of the support with the shiny polyester film to the outside.
  - e. To transfer the BEVA FILM onto the support, heat the hot table to 150 degrees F (65 degrees C) and either use vacuum, hand pressure or a roller.

NO NEED FOR THE ADHESIVE TO DRY, YOU MAY PROCEED WITH LINING WITHOUT DELAY.

- II. Preparation of the Painting:
  - a. Consolidate all loose paint.
  - b. Close tears and holes.
  - c. "Face" painting, if necessary
  - d. Remove the painting from its stretcher.
  - e. Clean the back of the painting. Level the back of the painting carefully with a scalpel, shaving off all protruding knots, burls or ridges of a canvas weave. If the painting was lined before, remove old lining, adhesive, etc. in order to get the back of the original canvas as even as possible.
  - f. Any necessary pretreatment should be performed prior to lining (1).

- III. Lining the Painting:
  - a. Place the prepared support on the hot table, FILM side up, and remove the silicone-coated polyester film release sheet.
  - b. Place the painting on the area covered by the BEVA FILM.
  - c. Activate the BEVA FILM by raising the temperature to 150 degrees F (65 degrees C) to achieve an instant nap-bond.
  - d. Cool under light pressure applied by hand, brush, roller or vacuum.

#### IV. Helpful Suggestions

If lining at temperatures lower than 150 degrees F is desired, the BEVAN FILM should be sprayed lightly with VM&P Naphtha or Methylene Chloride, after having been attached to the selected support. The sprayed BEVA FILM will become tacky like a contact cement, and may be used as such at about 100-110 degrees F. The painting can be mounted using hand or vacuum pressure. At this temperature, there is usually no danger to even the most delicate textures and paint films because at elevated temperatures the fancast and paint film are sufficiently relaxed to allow for distortions to be eliminated with minimal pressure. A hot-air blower can be very useful for local treatments with the BEVA FILM.

A firm bond will result after cooling and evaporation of the sprayed-on solvent.

If still less pressure is required, the back of the painting should be sprayed with BEVA 371 Adhesive, diluted in fast-drying solvents, such as VM&P Naphtha, Toluene, or Trichloroethane, in a way that it forms 'cobwebs' and a soft felt on the original canvas (2).

BEVA FILM has excellent adhesion to wax, although its strength will be greatly diminished.

Technical questions may be addressed to:  
Gustav A. Berger, 115 W 73<sup>rd</sup> St, New York NY, 10023, Tel: 212-496-5350.

#### REFERENCES:

1. G.A. Berger, "Heat-Seal Lining of a Torn Painting with BEVA 371", *Studies in Conservation*, 20, No. 3 (1975),
2. Al Albano, "Critical Nap=Bond Temperature Monitoring – Synthetic Fabric and Adhesive Application in the Lining of a Klee and Leger", *Contributions to the annual meeting of the AIC in Milwaukee* (1982).

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