Sealed Package Instructions

“The frame can provide invaluable protection for its contents against mishandling and physical accidents. If it is properly designed, it can shield its contents from physical and chemical pollution and from the effects of fluctuating and extremes of relative humidity”.

-Hugh Phibbs

To get started, trim a piece of Marvel Seal to the approximate size of the coroplast backing. The Marvel Seal should be no more than 1/2” smaller than the coroplast. Measure and cut a piece of Escal slightly larger than the humidity indicator.

Using the humidity indicator, mark out and cut an opening in the coroplast.
Using the freshly cut chloroplast as a template, mark out an opening for the indicator on the Marvel Seal (dull side up) and trim using a guide.

Take the coroplast and line the opening with P-90 tape.
Using P-90, tape the humidity indicator into place.

Once the indicator is in place, prepare the coroplast for the Marvel Seal using 415 tape. Leave barrier backing film on for now.
Place the Escal over the indicator opening on the Marvel Seal. Make sure that the dull side of the Marvel Seal is facing up.

Using a weight to hold it in place, begin tack ironing the Escal to the Marvel Seal. Low heat, and light pressure are necessary.
This is what it should look like.

To insure a complete seal, use aluminum tape along the seams. Be sure to burnish thoroughly. A Teflon folder works best.
Remove 415 barrier films from the coroplast, carefully line up the Escal “window” to the humidity indicator. Firmly press down the areas in which the 415 has been applied.

Place a piece of Art Sorb on the back of the coroplast.

*ART SORB is a type of silica gel well suited to the task of controlling humidity in display cases and sealed packages. It is a moisture-sensitive silica material which absorbs and desorbs moisture in order to offset changes in relative humidity. Its main use is to create a stable microclimate inside vitrines and sealed packages that are displayed in a fluctuating climate.

After this, place the matted object on top of the coroplast. You are now ready to seal! Remove barrier film from the glazing and prepare accordingly, removing all dust, fibers and particulates from glazing, mat and object.
Tape the edges of the package with P-90. This step allows for easier de-framing and reduces adhesive migration.

Covering 1/8” of the top of the glazing, cover the P-90 with aluminum tape. The aluminum tape should end roughly 3/16” before each corner edge.
After the aluminum tape has been applied burnish the face edge and work your way down and around the chloroplast backing.
Once all four sides are covered, cut 2” x 2” squares of aluminum tape. Cut a small square out one the corners of each square.

Trim, fold and burnish the aluminum tape to ensure a well wrapped secure corner.
Burnish. Burnish some more. Keep burnishing. Flip the package over and really burnish the back edges and seams. Now the sealed package is ready for framing.