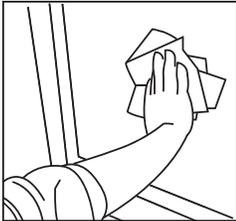
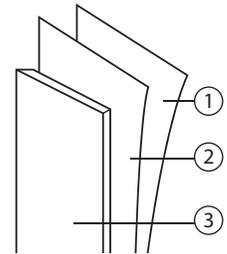


ENERGY FILM APPLICATION INSTRUCTIONS:

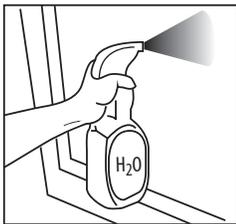
What You Will Need: Squeegee (included), Window Cleaner, Liquid Soap, Spray Bottle, Soft Cloth

Important: Visual clarity will significantly improve over 5 to 10 days as the water used in the application process evaporates.

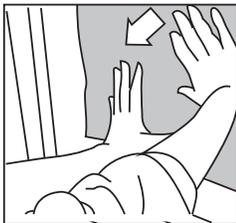
The TV Shield Energy film consists of two layers of film laminated together. One layer is the Energy Film and the second layer is a thinner, more rigid polyester film. The polyester layer does not help insulate your polycarbonates. We do recommend removing the polyester layer to reduce glare. Only the Energy Film side of the film will adhere to the polycarbonate. When in doubt place a corner of the film against a dry polycarbonate and drag it. The side that is tackier is the Energy Film side which goes against the polycarbonate. This film is supposed to be installed on the outside of the front polycarbonate panel.



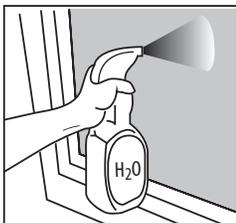
1. **Clean Polycarbonate Front Panel.** Using soap and water, thoroughly remove any dirt or debris from the polycarbonate. A successful application will depend on a completely clean glass surface. It is best to use a squeegee rather than a cloth or paper towel to dry the window to minimize fibers on the polycarbonate.



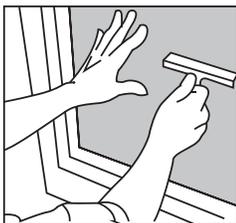
2. **Wet Front Panel.** Mix a couple of drops of liquid soap in a spray bottle with cold water and thoroughly wet the Front of Panel (outside part of polycarbonate). Applying a generous amount of the water/soap mixture will allow the film to slide into the proper position with greater ease.



3. **Apply Film.** Place film up against the piano hinge on the top of the unit. Film will be above locks and on the inside of threaded caps. Do not apply film to the polycarbonate when it is hot. If the polycarbonate is too warm the water on the polycarbonate will evaporate too quickly for a good bond. Position film onto wet exterior of polycarbonate. Film should be easy to slide into place. If not, peel back and add more water/soap mixture.



4. **Spray Film.** When film is in place, wet the exposed side of the film. This step is necessary to allow the squeegee to glide over the film and remove all air bubbles and water.



5. **Squeegee.** Carefully squeegee the entire surface to remove the air bubbles and excess water. Squeegee from the center of the film and work your way to the edges. You may reapply water to the surface of the film and squeegee again to remove more air bubbles and water. When installing larger sizes, two people may be required to position on the polycarbonate without creasing the film.

Removal:

Energy Film does not use adhesives and is easily removed. Slowly peel away from the polycarbonate starting from the corner.

Helpful Hints:

Visual clarity will significantly improve over 5 to 10 days as the water used in the application process evaporates. After application, the water between the film and glass may come together to form spots. Over time, the spots will disappear, or you may apply water on the surface of the film and attempt to squeegee the water spots to the side of the film.