

## Window Film Installation Instruction

### **Before installing**

Make sure you have these tools:

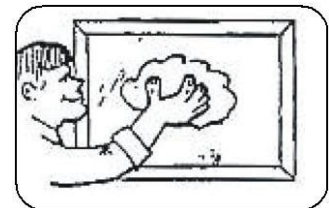
Rubber squeegee  
Straightedge  
Spray bottle  
Paper towels  
Razor or razor type knife  
Adhesive tape

Carefully measure the glass area of which that you want to insulate. Using these measurements, obtain the correct amount of film. Remember to allow for a 70mm to 100mm trim area around each window.

### **Instructions:**

#### **Step one**

Clean the window thoroughly removing all particles from the window. If necessary, gently scrape stubborn particles with a razor. Wash once again to make sure the window is clean.

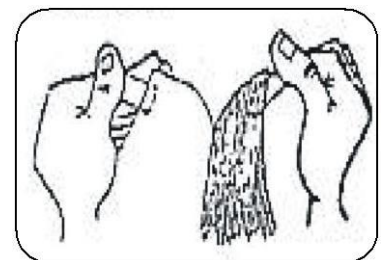


#### **Step two**

Cut the film 70mm to 100mm larger than the window glass area.

#### **Step three**

Take two pieces of adhesive tape and place each of them on opposite sides of one corner of the film. By pulling on them, you will notice a clear protective liner separating from the adhesive side of the film. Do not pull the liner off yet.

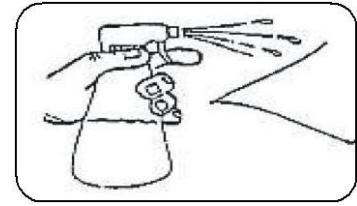


#### **Step four**

Thoroughly wet the entire glass surface with slightly soapy water (mix a few drops of dish washing liquid with a litre of water) using a spray bottle. Then position the film on the glass with the clear liner side facing toward you. Let the window hold the film for you as you pull the liner all the way off.

#### **Step five**

The adhesive side of the film is now facing you. Using the spray bottle soak the film with soapy water. Spray until the film is thoroughly wet. Do not worry about using too much water.

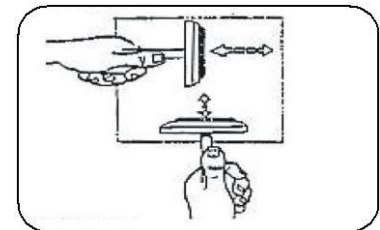


### **Step six**

Take the film carefully by the two top corners and slowly turn it around so that the wet side is now against the glass. Take your time and slide the film on the glass until it is positioned correctly. There should be about 70mm to 100mm overage on all sides. If you are working on large windows you may want to have some help with this step.

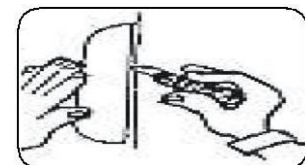
### **Step seven**

Spray the side now facing you with the soapy water. This makes using the squeegee easier. Squeegee across the top to set the film. Then squeegee down the film using short strokes, moving the water toward the bottom of the window. Squeegee again using firm, smooth strokes.



### **Step eight**

Take the straightedge and hold it against the film and the edge of the glass. With the razor-knife carefully trim all edges of the glass by cutting against the straightedge.



### **Step nine**

Spray the side facing you with the soapy water again and thoroughly squeegee to all edges of the window. You want to get as much water out from under the film as possible. Dab the edges of the window with a paper towel or cloth to pick up any excess water.

### **Helpful hints and general application rules**

1. Always install film on the inside of a glass surface
2. Apply only when the temperature outside is between 0°C and 22°C for best results, install when the window surface is cool. Do not apply to hot surfaces or in direct sunlight
3. If air bubbles appear between the film and the glass, carefully peel back the film, respraying with water as you separate the film from the glass. Thoroughly re-soak the film and the glass as you put the film back down. Squeegee out excess water again. Be sure to press firmly and evenly against the wetted film and squeegee.
4. If you find that the film is lifting at the edges after a few days, it is simply because the window was not thoroughly cleaned to the edges. To correct this, apply a thin line of clear nail polish on the film and press into place again.
5. The adhesive may take up to two weeks to fully "cure". Any haziness or dimpling will disappear with full curing. Then the film can be washed with clear water or a mild cleaning solution and a soft cloth or a squeegee. Do not use paper towels or strong ammonia solutions.
6. Keep your hands clean store your tools in a bucket of water while working, Wet your thumb and finger when opening the film.
7. Brush the edges of all windows with a dry paint-brush before the first wash
8. Be careful to examine the glass before application, look for cracks, chips, old dry putty, loose gaskets. Learn how to identify different types of glass Toughened, laminated annealed etc.