

### Wet Applied Self-Adhesive Glass Film

→ CF07 SR Glass Film - PET\*

#### Tools

- Application Solution (in spray container, properly mixed)
- Burnishing Tool, preferably felt instead of plastic so as not to damage the graphics
- Edge guide tool
- Trimming knife
- Pressure sensitive tape
- Razor scraper
- Lint Free cloth towel

#### Application Solution Preparation

- Prepare a solution of 1/3 teaspoon (2 milliliter) of concentrated detergent, containing no lotions, oils, waxes or enzymes, for each 1 quart (1 liter) of clean warm water.
- One quart of solution is usually enough to complete a single small- or medium-sized graphic.
- After mixing the solution, pour some or all of it into a spray bottle.
- A standard 32 ounce spray bottle full of warm distilled water mixed with 3 drops of dish washing fluid (i.e. Joy Non-Ultra or J&J Baby Shampoo) can be used as application fluid in a pinch.
- Do not use a third party glass film installation solution.

#### \* Thermal Expansion Warning for CF07

DesignTex does not recommend CF07 for use on exterior glass exposed to direct sunlight. Glass surface may absorb heat and expand, which could result in cracks due to resistance from the PET film. Cracking or breakage could lead to injury to person or damage to property which would not be covered by the DesignTex Product Performance Warranty.

### Completely Clean Window

Cleaning the window completely is the single most important step.

- Place absorbent cloth on floor under the windows to collect excessive window solution.
- Wash window with solution and squeegee.
- Wet window with solution and scrape entire surface with razor scraper to remove any dirt particles.
- Wash and squeegee again.
- Wipe edges carefully with paper towel.
- Make sure that all loose dirt is removed.

#### Film Preparation

- Take the film out of the box. Carefully unroll film onto a clean work surface.
- Measure window glass from inside the frame.
- If film was shipped pre-cut, measure to confirm width and height are correct. Pre-cut film should be larger than the glass, according to the approved layout drawing. If film is uncut, trim to at least 1/2" larger than glass.
- Soak window thoroughly with solution.
- Have assistant hold cut film, or place film against solution soaked window with release liner facing the installer. The solution on a window will hold film in place (with SR coated polyester film do not use wet window to hold film).

### Release Liner Removal

The films are coated with pressure sensitive adhesive which must be kept clean. The adhesive is protected with a release liner and during application the release liner must be removed. Protect the film and exposed adhesive during the entire installation procedure. Do not let it touch anything but the glass on which it is to be installed.

- Apply pressure sensitive tape on the release liner side of an upper corner of the film. Using the tape for leverage, bend the film backward while using a fingertip or fingernail to separate the liner from the film. Be careful not to let exposed tacky surfaces touch each other.
- Holding one piece of tape in each hand, pull the pieces of tape apart to separate the release liner film.
- As you pull the liner of the film, begin to spray the adhesive surface with solution, completely soaking the exposed adhesive. Continue pulling down on clear release sheet while spraying solution on adhesive. Solution will neutralize adhesive, preventing it from sticking to anything. Once initial removal of liner begins, try to pull it down evenly across the film. Keep release liner to use when burnishing to avoid scraping ink off the film surface.
- With adhesive surface completely exposed, spray one final time with solution to ensure that 100% of adhesive is wet.

### Film Application

Note: Use a felt burnishing tool and soft rubber squeegee to avoid damaging the printed film. A piece of the release liner must be used to mask over the printed image when applying the film to glass as additional protection. Failure to follow these steps may damage the panel during installation.

- Hold film at uppermost corners being careful not to allow film to touch floor or any other surface, place film on window with adhesive side against glass.
- The application solution acts as lubricant making the window surface slippery. You can now slide the film so that one edge of film is 1/16 inch from one side of window. Lift film if necessary to remove wrinkles or bubbles. (For ease of installation the edge you select should be one you favor, i.e. right side for righthanded people, left side for left-handed people. If fitted correctly this edge will not have to be trimmed. Other edges of the film should overlap top, bottom and opposite edge of window.)
- Spray the surface side of the film facing you with solution. This acts as a lubricant for the felt squeegee.
- Beginning at the center of window, squeegee once to right side of window. Going back to the center, squeegee across to left hand edge of the window, then squeegee the window in straight, smooth strokes working from center out to the edges of the window until all excess application solution has been squeegeed out from under the film and film is lying flat.  
Note: the squeegee will not float across a dry surface, so re-lubricate with application solution as needed.

### Film Trimming

- Butt the edge guide tool against window frame, perpendicular to glass.
- With trimming knife and new sharp blade, trim excess film using edge guide tool to provide a narrow straight line border. Trim the bottom and side before top, so that trimmed film will not get in your way.
- Start trimming operation from corner but do not finish cutting into corner.
- Remove and discard all film scraps.

### Final Squeegee

Once film is completely trimmed, spray the surface once more with application solution. Repeat squeegee operation as described in the last step of the Film Application. Finally, using a wad of paper towels, gently wipe around edges of film to completely remove all excess water. This prevents the application solution from re-entering between the glass and film.

### Cleaning and Maintenance

The film can be cleaned periodically using a soap and water solution. Never use harsh chemicals of cleaning agents such as windex to clean the film surface. The chemicals used in many window cleaning agents can attack the film's adhesive causing delamination from the window.

### Need Help?

Call our hotline at 1.800.221.1540 and you will be connected to an expert.

### Clear Film Removal Instructions

- Begin by peeling one of the top corners of the film away from the glass slowly, at an acute angle.
- Pull downward diagonally, keeping your hand(s) close to the surface of the glass to ensure the film remains bent to an acute angle as it is being removed.
- Continue pulling at a slow and steady pace. DO NOT use a jerking motion, as this technique can lead to excess adhesive being left on the glass.
- If resistance becomes too great as the surface area grows larger, cut the peeled away portion free with a blade, being careful not to scratch the glass, and begin again from the opposite top corner.
- When all the film has been removed, clean the glass with glass cleaner to remove leftover adhesive by thoroughly soaking the surface and letting cleaner soak in for several minutes before wiping.
- For areas where residue is more difficult to remove, a more aggressive solvent can be used, being careful not to damage glazing or caulking around the glass.