

## CLARITY AND GHOST WINDOW FILM PREP, INSTALL AND CARE INSTRUCTIONS

### READ BEFORE INSTALLATION

If at any time during the installation, a product quality or installation issue should be discovered, STOP! Contact Takeform before proceeding.

### Tool Recommendations:

- Neoprene Tipped Squeegee
- Lint Free Cloth
- Tape Measure
- Razor Knife
- Level
- Ammonia free glass cleaner (ex: Sprayway) for cleaning windows
- Spray Bottle with Wetting Solution
  - For wetting solution, use a solution of baby shampoo (i.e., Johnson's® or Dove®) and water. For a 32oz. spray bottle, add 3 to 4 drops of shampoo.
  - Do not use Rapid Tac or Rapid Tac II products for wetting solution as these application fluids contain chemicals that may cause damage to printed graphics.

### Before Installation:

- Inspect packaging upon receipt for damage. Immediately file a claim with the carrier if damage is found. Also, contact Takeform regarding the issue.
- After opening, check to assure that all product has been received.
- Allow the product to acclimate to room conditions for 48 hours prior to installation.

### Surface Preparation:

- Surface must be flat, smooth, clean and dry.
  - Applicable surfaces are glass, acrylic, polycarbonate, metal and painted metal.
- Pay extra attention to cleaning rubber seals surrounding window as these tend to secrete oils and create failures if not cleaned sufficiently.
- Install method is wet.
- Install temperature must be 50°F to 100°F (not in direct sunlight).
- Surface with anti-graffiti coating is not acceptable for window films.
- Do not install directly above or next to heating sources (i.e., heater or radiator).
- Do not install window films on top of each other.

### Installation:

- Spray entire application area with solution and wipe down with lint free cloth. Repeat until clean. It is not necessary to wipe dry.
- Spray solution onto a window or flat surface adjacent or near the application area. Then, place liner side up onto this wetted area in preparation for liner removal.
- Carefully remove liner from backside. As you peel, spray solution onto the now facing up adhesive. Continue to spray as you peel away liner, covering the entire adhesive side with solution.
- Spray over entire application area again if it has been wiped dry. Pick the graphic up from the preparation area (now without a liner) and place adhesive side against the application area.

- If window film butts to edge of window trim, typically a 2" bleed is included along left, right and bottom (top to be flush cut). Any installation requirements specified along edge of print or on a sticker attached to liner on back supersedes this.
- Spray solution over the entire front of the graphic. This prevents scratching the film while you squeegee.
- Using squeegee, start from a corner (typically upper left) and work outward away from corner to squeeze water out – first horizontally and then vertically. Be sure to apply solution over area if lifting and repositioning the graphic.
- Using a razor knife with a new blade, trim any bleed along the edges.
- Clean using recommended cleaners and wipe with a lint free cloth to remove water.
- If multiple pieces of film are required to cover a single area, the seams are to be butt-seamed, thus no seam cutting required.
- Window films may take up to 24 hours to fully adhere to the installation surface.

#### Care and Maintenance:

- Do not use any cleaners containing alcohol or bleach.
- Do not use steel wool, powdered abrasives, or abrasive sponges.
- Clean using a soft lint-free cloth.
- Recommended cleaners: Mild soap (i.e., Dawn® or Joy®) and water solution, Simple Green® and Virex Tb®.
- Other than soap and water solution, do not spray cleaners directly onto the graphic as any residue left for more than 1 minute may cause damage.
- When cleaning, spray into a dry, clean, lint free cloth and wipe clean. Do not scrub. Rinse with fresh water to remove any residue, then wipe dry.
- Ordinary dirt smudges and most grime can be removed with a mild soap and water solution. For stains that require more than soap and water, use one of the recommended cleaners. Remove stains promptly to prevent any reaction between the stain and the graphic that could cause discoloration.

#### Clarity (WF-102) Specifications:

- Material: 2 mil optically clear polyester film with pressure sensitive adhesive
- Use: Indoor only
- Adhesive: pressure sensitive, permanent
- Technical Specifications:
  - ASTM E84 Class A fire rating

#### Ghost (WF-202) Specifications:

- Material: 3 mil translucent frosted light etch vinyl film with pressure sensitive adhesive
- Use: Indoor only when printed, indoor and outdoor when unprinted
- Adhesive: pressure sensitive, permanent
- Technical Specifications:
  - ASTM E84 Class A fire rating