

INSTALLATION INSTRUCTIONS

High Performance Window Film

FOR PRODUCTS

Scratch Resistant Polyester Window Film

NOTE TO INSTALLER BEFORE YOU BEGIN

OPEN and thoroughly inspect the product for defects.

CONFIRM that this is the correct product for this installation.

VERIFY that the dimensions of the product correspond to those of the installation space.*

ASSESS windows for dirt and debris and thoroughly clean before installing.

STOP immediately and contact your distributor if any discrepancy is discovered.

These instructions are designed as reference and should not be used as a substitute for an experienced window film installer.

* Window film panels are shipped with unprinted selvage around all edges and require trimming during installation.

INSTALLATION DIAGRAM & SURFACE

An Installation Diagram illustrating the appropriate sequence of panel installation is included with the finished goods. The window film **must be installed in strict accordance with this diagram**. If the Installation Diagram is missing, stop and contact your distributor immediately to receive a replacement document.

A Note About Installation Surface: This window film is designed to be applied to a specific side of the glass (commonly referred to as *first surface* and *second surface*) so that the pattern is in the correct orientation. Please refer to the Installation Diagram for instructions on which surface to install the film. **If you have any questions or concerns regarding which surface of the glass to install the film on, stop and contact your distributor immediately.**

REQUIRED TOOLS

There are several basic tools that are required for installation, though this list is not exhaustive and should not be used as a substitute for an experienced window film installer:

Tape Measure

Squeegee

Edge Guide Tool

Trimming Knife

Adhesive Tape

Razor Scraper

Lint-Free Towel

Application Solution in Spray Container

Note: Ready-made application solutions are available, or you can create your own by adding 5 drops (1-second bottle squeeze) of very mild detergent (baby shampoo or dish detergent such as "Joy") into a 32oz. spray bottle filled with water. **Do not use hand soap or detergents with lotions or aloe.**

GLASS PREPARATION

Cleaning the glass completely and thoroughly as is the single most important step to a successful installation!

- 1 Place an absorbent cloth on floor under the windows to collect excessive application solution.
- 2 Wash the glass thoroughly with a standard glass cleaner or with some of the application solution.
- 3 Keeping the glass wet, use a razor scraper to remove any dirt particles.
- 4 Wash the glass again, making sure that all loose dirt is removed. Use a squeegee to dry the glass.

Be sure that all edges of the glass (near glazing, silicone joints, mullions, frames, etc.) are clean and dry as well.

WARRANTY

Gravity Digital Walls warrants its finished product to be free of defects in material and workmanship for a period of one year from date that finished product is received by customer and will replace any material found to be defective. Please inspect all goods immediately upon receipt.

Gravity Digital Walls is not responsible for labor charges, improper installation, installation of incorrect goods (those not approved or confirmed by the customer), removal of goods, or problems arising from defects in the construction, surface, or preparation of the wall.

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RELEASE LINER REMOVAL

Note: The film is 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.

- 1 Apply adhesive tape on one side of an upper corner of the film. Place a second piece of tape on same corner on the reverse side of film. Be careful not to let exposed tacky surfaces of the tape touch each other.
- 2 Holding one piece of tape in each hand, pull the pieces of tape apart to separate the release liner from film.
- 3 As you pull the liner off the film, begin to spray the adhesive surface with solution, completely soaking 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, pull down evenly across the film.
- 4 With adhesive surface completely exposed, spray one final time with solution to ensure that 100% of adhesive is wet.

FILM APPLICATION

- 1 Lightly spray the glass with application solution.
- 2 Hold the film at uppermost corners being careful not to allow film to touch floor or any other surface. Gently place the film on the window with the adhesive side toward the glass.
- 3 The application solution acts as a lubricant so you can slide the film to align the pattern within the glass panel. Pay close attention to the available bleed on each panel when aligning to ensure a correct fit. **Note:** It may be useful to pre-trim the top edge and one side of the film panel prior to installing. This will allow you to align those sides perfectly without needing to trim them later (the edge of the film should be 1 - 2mm short of the edge of the glass or glazing).
- 4 Spray the surface side of the film facing you with solution. This acts as a lubricant for the squeegee.
- 5 Beginning at the center of window, squeegee once toward the right side of window, go back to the center, and squeegee once toward the left side of window. Squeegee the remainder of the window in straight, smooth strokes working from center out to the edges until all excess application solution has been squeegeed out from under the film and film is lying flat. Once complete you should not see any pockets of air, wrinkles, or debris in the film.
- 6 If necessary, the film may be relifted once or twice *immediately* to remove large wrinkles, bubbles, or debris. Be sure to reapply solution when placing the film back on the glass.

Note: The squeegee will not float across a dry surface, so re-lubricate with application solution as needed. Please be aware that film can be scratched if a hard squeegee is used.

TRIMMING & FINAL SQUEEGEE

- 1 Butt the edge guide tool against the window frame or edge of the glass, perpendicular to glass.
- 2 With a sharp, fresh blade in your knife, trim excess film using edge guide tool. Be sure to leave a 1 - 2mm gap between the edge of the film and the edge of the glass or glazing. Failure to do so can result in dirt accumulating along the exposed edge of the film and/or lifting of the edge of the film over time.
- 3 Be sure to use enough pressure to cut the film (so it doesn't tear when you remove the trimmings), but not so much that you scratch the glass. Use a scrap of selvage to practice if necessary.
- 4 Once the film is completely trimmed, spray the surface once more with application solution. Repeat the squeegee operation as described above (do so within 2 minutes of applying the solution).
- 5 Finally, using a lint-free towel, 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.

Note: The adhesive may take up to 72 hours to fully cure, but it begins to set as soon as the application solution has been squeegeed out. Once this begins you should not attempt to relift the film.

CARE & CLEANING

Please see separate Care & Cleaning Guide for detailed cleaning instructions after the window film is installed.

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