

level

Installation Instructions Window Film

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Warranty

Level Digital Wallcoverings warrants its finished product to be free of manufacturing defects for a period of 90 days from date that finished product is received by customer. Please inspect all goods immediately upon receipt.

Level Digital Wallcoverings 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.

v0226

Installation Instructions: Window Film Murals

Applicability

These instructions are **not for use with Standard Repeat Window Film** products.

Note to Installer Before You Begin

This product is a custom-fit mural, and its installation requires a higher attention to detail than installation of standard repeat window film. Prior to Installation:

- Confirm that this is the correct product for this installation.
- Familiarize yourself with the installation diagram, and look for any potential discrepancy between the diagram and the actual installation space.
- Inspect the mural. If at all possible, unbox and inspect every panel of the mural ahead of time, looking for any apparent defects. If space doesn't allow the entire mural to be laid out, inspect each panel as you prepare them for installation.
- Follow all included installation instructions and installation diagram.

If no defect is evident before installation, the material should be inspected after one (1) panel is installed. Should you discover any problems at this time (or at any point during installation), STOP IMMEDIATELY and CONTACT LEVEL at (216) 432-1400 X.108. LEVEL WILL NOT BE RESPONSIBLE FOR CHARGES OVER ONE (1) PANEL OF MATERIAL.

Installation Diagram

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 Level at (216) 432-1400 x.108 for immediate assistance.

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 Level immediately.**

Application Solution

This is a wet-application window film. 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 is the single most important step to a successful installation!

- Place an absorbent cloth on floor under the windows to collect excessive application solution.
- Wash the glass thoroughly with a standard glass cleaner or with some of the application solution.
- Keeping the glass wet, use a razor scraper to remove any dirt particles.
- 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.

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Installation Instructions (continued): Window Film Murals

Installation

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.

- 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. Holding one piece of tape in each hand, pull the pieces of tape apart to separate the release liner from film.
- 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.
- With adhesive surface completely exposed, spray one final time with solution to ensure that 100% of adhesive is wet.

FILM APPLICATION

- Lightly spray the glass with application solution. The application solution acts as a lubricant so you can slide the film to align the pattern within the glass panel.
- 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.
- 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**).
- Spray the surface side of the film facing you with solution. This acts as a lubricant for the squeegee.
- 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.
- 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

- With a sharp, fresh blade in your knife, trim excess film using an 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.
- 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 salvage to practice if necessary.
- 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).
- 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.

INITIAL INSPECTION

- **AFTER 1 PANEL IS APPLIED TO THE GLASS, STOP AND EXAMINE THE INSTALLED PANELS FOR ANY VISIBLE DEFECTS. SHOULD ANY ISSUES BE DISCOVERED, REFER TO NOTE TO INSTALLER BEFORE YOU BEGIN ON THE REVERSE SIDE FOR INSTRUCTIONS.**

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Installation Instructions: Standard Repeat Window Film

Applicability

These instructions are **not for use with Window Film Murals**.

Note to Installer Before You Begin

PRIOR TO INSTALLATION

Confirm that this is the correct product for this installation. Unroll enough material to cover the first pane of glass and inspect it for defects.

If no defect is evident before installation, the material should be reinspected after installation on the first pane of glass. Should you discover any problems at this time (or at any point during installation), STOP IMMEDIATELY and CONTACT LEVEL at (216) 432-1400 X.108. LEVEL WILL NOT BE RESPONSIBLE FOR CHARGES BEYOND THE FIRST PANE OF GLASS.

ADDITIONAL NOTES

- This window film may be applied to either side of the glass (commonly referred to as *first surface* and *second surface*). **Be sure that you are installing this material to the correct side of the glass for your installation.**
- This window film may be applied either vertically or horizontally. **Be sure that you are installing this material in the correct orientation.**
- Especially for horizontal installations where the film will act as a privacy band along the middle of the window, be sure that you are installing the film at the correct height on the glass.

If you have any questions or concerns regarding the proper installation surface, orientation, or alignment, stop and contact your General Contractor immediately.

Application Solution

This is a wet-application window film. 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 is the single most important step to a successful installation!

- Place an absorbent cloth on floor under the windows to collect excessive application solution.
- Wash the glass thoroughly with a standard glass cleaner or with some of the application solution.
- Keeping the glass wet, use a razor scraper to remove any dirt particles.
- 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.

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.

- 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. Holding one piece of tape in each hand, pull the pieces of tape apart to separate the release liner from film.
- 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.
- With adhesive surface completely exposed, spray one final time with solution to ensure that 100% of adhesive is wet.

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Installation Instructions (continued): Standard Repeat Window Film

Initial Trimming for Multiple Rolls

If you are installing more than one roll of film in a single space, please follow these initial trimming instructions:

- There is approximately 1" of unprinted selvage on the top and bottom of the film. For best results **we highly recommend that you trim off this unprinted selvage prior to installing the film.** Use a table and straight-edge to trim the selvage.
 - **If the seam between rolls will fall within a single pane of glass, you need to trim them prior to installing the film.**
 - On a table, slightly overlap the mating edges of each roll to **align the pattern** along the seam. With a sharp, fresh blade in your knife, **double-cut** through both layers of film so that the pattern appears seamless. Discard the trimmed pieces and proceed with application. Repeat this process for any seams that will appear within a pane of glass.
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Installation

FILM APPLICATION

- Lightly spray the glass with application solution. The application solution acts as a lubricant so you can slide the film onto the glass panel.
- It may be useful to pre-trim the film to length 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**).
- 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.
- Spray the surface side of the film facing you with solution. This acts as a lubricant for the squeegee.
- Beginning at the center of film, squeegee once toward the top, go back to the center, and squeegee once toward the bottom. 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.
- 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.
- **AFTER INSTALLATION TO THE FIRST PANE OF GLASS, STOP AND EXAMINE THE INSTALLED PANELS FOR ANY VISIBLE DEFECTS. SHOULD ANY ISSUES BE DISCOVERED, REFER TO NOTE TO INSTALLER BEFORE YOU BEGIN ON THE REVERSE SIDE FOR INSTRUCTIONS.**

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.

FINAL TRIMMING & SQUEEGEE

- With a sharp, fresh blade in your knife, trim excess film using an 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.
- 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.
- 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).
- 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.