



## Window Security Film Installation

Installing heavy duty security film is different than installing light weight security film or window tint. It requires more preparation, a clean work space, and it is best to have 2 people. Follow the step by step instructions below to install the film properly.



## Tools



- Spray bottle with a solution of distilled water and a few drops of baby shampoo.
- Razor blade for cleaning
- Blue shop towels (not paper Towels)
- Lint free polishing cloth (Norwex™ works well)
- Ridged rubber squeegee (don't use plastic it can scuff the film)
- Masking tape to separate the film from backing
- Sharp utility knife for cutting film
- Large straight edge
- Large cutting area and cutting pad or card board



## Step#1 - Prep



- Create a safe, clean work space with plenty of room to work.
- Try to eliminate any dust in the room, around the window and your work space.
- If possible, avoid installing the window film in direct sunlight and extreme heat.
- Remove any window coverings or blinds from the window.

## Step#2- Measuring & Cutting





- Measure window from inside of frame to inside of frame.
- Use a clean work space, cutting pad, and secure straight edge to cut window film. Heavy duty window film may be difficult to cut. Make sure you have a sharp razor blade and a someone to help you hold the straight edge.
- Cut the film slightly smaller than the window. Leave a 1/16 to 1/8 inch gap between the edge of the film and the window frame so the water can escape during the squeegee process.

### Step#3 – Check window film



- After cutting the security film. Double check and make sure that the window film is a perfect fit before proceeding with installation.
- Inspect the window film to make sure it doesn't have any defects or damage that occurred during cutting.



## Step#4 - Cleaning



- Thoroughly clean the inside of the window by spraying it with the solution and scraping with a razor blade to remove all debris.



- Clean the outside of the window, if possible, to help visual clarity during installation.
- Clean the window until you can no longer see or feel anything on the window.
- Finish with a lint free polishing cloth (Norwex™ brand works well).

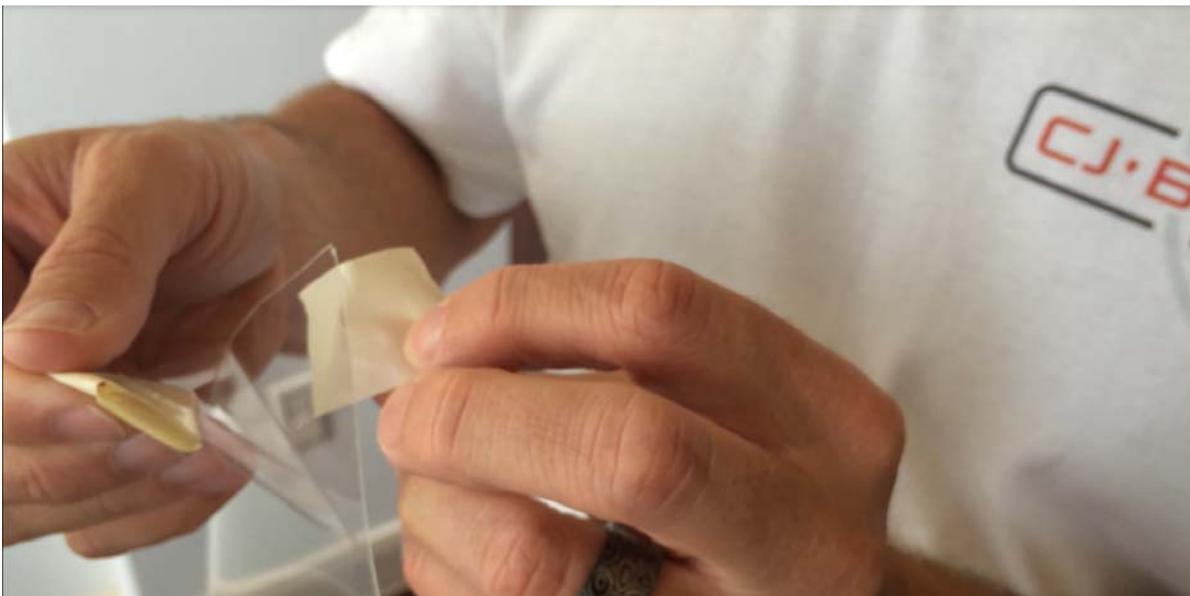


- You may clean the window in any manner than you like, just make sure it is free from dirt, dust, streaks and smudges. If not you will see them after the security film installation.

## Step#5



- Begin by spraying the entire window with the solution.





- Use masking tape to separate the backing from the film.



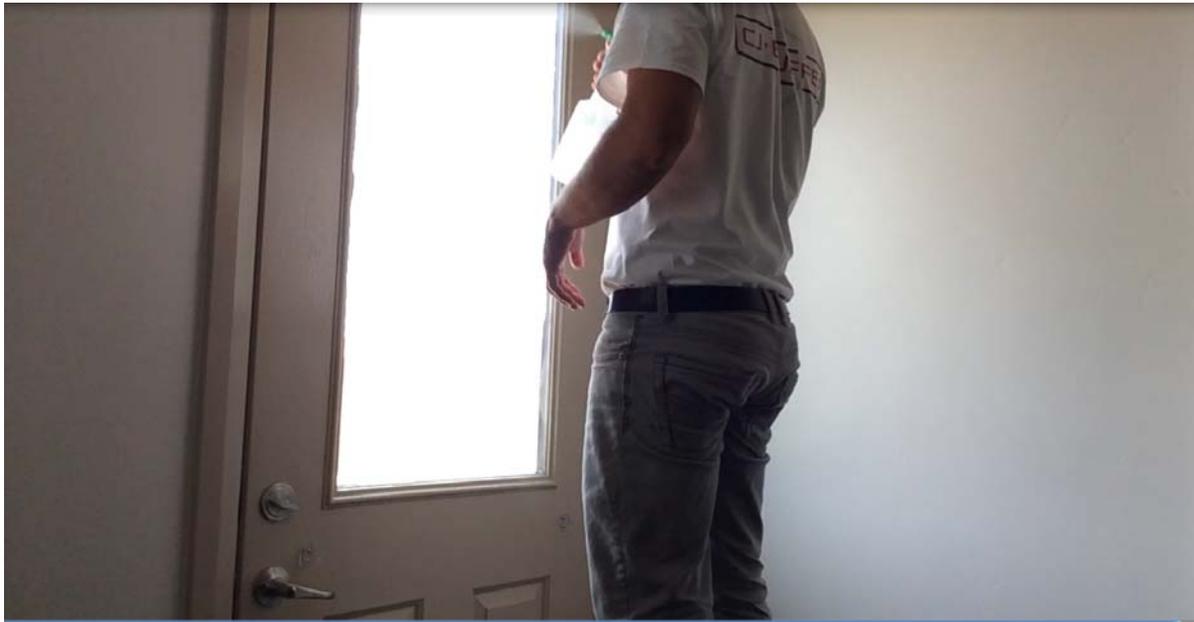
- Spray the back of the film and backing while slowly peeling it back. Spraying the film and backing will break the static bond that is forming and will keep the film from attracting unseen dust particles in the air from up to 10 feet away. **DO NOT SKIP THIS STEP!!!** This step is critical.





- Once the backing is removed, apply the film to the window. The window film should be able to slide around on the glass.
- If the film needs to be adjusted, and will not slide into place, you may remove it and re-apply more solution.

## Step #6- Squeegee



- After placing the film to the window, spray down the film in preparation to use the squeegee.





- Firmly squeegee the excess water and air from beneath the film by starting in the middle and moving outward, overlapping strokes, pushing the squeegee, not dragging it.
- You may need to repeat this step 4-5 times to remove all air bubbles, spraying down the film each time you do it.
- A stiff squeegee will work best, we prefer a card squeegee. It will take more time, but works well.
- Remember to never use a plastic scrapper as it may scuff the film surface.

## Step #7 - Monitor



- Monitor the film periodically for the next 24 hours to ensure that no edges or corners un-adhere from the glass. If they do, simply squeegee them down again.
- Our heavy duty security film can take anywhere from 60 days to 90 days to completely cure. During that time, you may see some cloudiness, discoloration, and water blotches. This is normal and will go away once the film has completely cured.



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Tips:

- Unlike thinner window film or tint, the tiniest dust particle can create an air bubble beneath the film. It is extremely important that the spray solution is used during the film backing removal. If not, the film will attract dust from across the room.
- Practice with the film on a piece of test glass using the same squeegee you will use during the actual application. Practice is important and so is picking the right squeegee.
- After installation of the film, we recommend installing a structural silicone sealant that will adhere the film to the window frame. This will also help to keep the edges adhered to the glass after installation.

For a live demonstration, go to our website and watch the installation instructions video.

Contact [info@cjbuffer.com](mailto:info@cjbuffer.com) for more information on our safety and security window film products.

