



Enhance your
homes and
lives with
**Cosmo Sunshield
Window Films**

INSTALLATION OF WINDOW FILM

GUIDLINES FOR A PERFECT FINISH



Tools & Materials Required For Installation Of Architectural Film

- Window film
- Measuring tape
- Utility knife
- Squeegee
- Soap water solution
- Lint-free / microfiber cloth
- Ruler or straight edge
- Glass cleaning solution



Tools & Materials Required For Installation of Automotive Film

- Window film
- Cutting/Trimming Tool
- Scrappers
- Squeegee
- Soap water solution
- Lint-free / microfiber cloth
- Ruler or straight edge
- Glass cleaning solution
- Heat Gun / Hair dryer



Installation Process For Architectural Film



STEP 1 : Clean the window

- Use glass cleaner and lint-free cloth to remove dirt, dust, and grease. Make sure the windows are completely dry.

STEP 2 : Measurement of film

- Measure the window and cut sunshield film keeping extra film on each side for adjustment. Lay the film on a flat surface with the liner facing up
- Use ruler for proper measurement. For larger windows, consider cutting the film into sections to make installation easier.



STEP 3 : Wet the window surface



- Spray the window surface with a soap water solution. This helps the film adhere and allows you to adjust its position. Ensure the entire surface is covered with the solution. This helps to position the film and prevents it from sticking immediately.
- Use a spray bottle with a fine mist for even coverage.

STEP 4 : Remove the film backing

- Carefully peel off the backing from the window film, exposing the adhesive side.
- Start from one corner and peel slowly to avoid creases, ensuring the adhesive side doesn't touch any dirt.



Installation Process For Architectural Film

STEP 5 : Apply the film to the window



- Position the film on the wet window surface. The soap water allows you to slide and reposition the film. Place the adhesive side onto the wet glass surface, starting from the top. Use the extra film to make any adjustments.

STEP 6 : Smooth out the film

- Use a squeegee to press the film onto the window, starting from the center and working your way out to the edges. This removes air bubbles and excess water.
- Use firm, even pressure to avoid wrinkles or bubbles.



STEP 7 : Trim excess film

- Use a utility knife and straight edge to trim the excess film along the window edges for a clean finish.

STEP 8 : Final smoothing

- Go over the film once more with the squeegee to ensure all bubbles and water are removed.
- Pay special attention to the edges to ensure no water or air is trapped underneath.



Installation Process For Automotive Film

STEP 1 : Cleaning

- Vacuum the interior to remove dust and dirt. Thoroughly wash inside and outside of the windows with the soap water. Lower the window to clean the top of the glass, then raise the window to the closed position. Wet the window again. Use the razor scraper to remove any remaining dirt, grime or sticker residue.



STEP 2 : Prepping the windows

- Thoroughly clean around the window trim, seals, gaskets and any nooks and crannies that could be hiding dirt or grime. Completely dry the glass with the squeegee and dry microfiber cloths. Wrap a cloth around your squeegee to dry under the window trim and seals.

STEP 3 : Measuring and cutting

- Measure the car's windows and cut pieces of film from a master roll to fit those measurements, cut it slightly larger than the window.
- Lay Out the film on the exterior surface of the car window to cut it down more precisely



STEP 4 : Heat shrinking

- Heat shrink the film using a heat gun, to contour the film so that it curves to the glass. Rest assured a proper, professional heat gun designed for this process emits heat at a low setting and will not harm the vehicle.

Installation Process For Automotive Film

STEP 5 : Wet the surface and removal of Liner

- Lift the bottom of the film where you have heat shrunk and spray generously with water and smooth the film down with your hand.
- Then remove the film's release liner.



STEP 6 : Wet and apply the film to interior side of the window

- Spray soap and water solution onto the window where the film is to be installed as well as the film itself.
- Position the film on the wet window surface from inside. The soap water allows you to slide and reposition the film.

STEP 7 : Smooth out the film

- Once the film is positioned, spray the outside of the film to lubricate it. Then, use a squeegee to gently press the film onto the window, pushing out any bubbles or excess solution.
- Start from the centre and work your way out towards the edges to avoid trapping air bubbles.



Installation Process For Automotive Film



STEP 8 : Trim excess film

- Use utility knife and straight edge to trim the excess film along the window edges for a clean finish.

STEP 9 : Final smoothing

- After trimming, use the squeegee again to ensure the film is flat against the glass and that all bubbles or water are pushed out.



STEP 10 : Optional - use heat gun

- If needed, use heat gun on low heat to carefully shrink and mould the film to any curved surfaces of the window. This is often needed on rear or side windows.

STEP 11 : Dry time

- Once the tint job is complete, do not roll down the vehicle's windows for three to four days. Depending on weather conditions and the film type.
- During this time, small water bubbles and/or a hazy appearance may appear. This is normal and will disappear as the film dries. Keep the car out of direct sunlight during this time to prevent the film from shrinking or peeling before it sets.



Troubleshooting Tips For Architectural And Automotive Window Film

Common issues and solutions:

- Bubbles: If bubbles appear, use the squeegee to gently push them towards the edge.
- Wrinkles: Lift the film carefully, spray more soap water, and reapply.
- Film Not Adhering: Ensure the window is wet enough before applying the film.
- Clean Atmosphere: Work in a clean, dust-free environment to prevent dust from getting trapped under the film
- If you are installing the film on curved windows for automotive Industries, use a heat gun to shrink it into place.

Post Installation Care For Architectural And Automotive Window Film

- Avoid using any solvent including alcohol or bleach for glass cleaning and film installation.
- Clean only with a soap water and soft cloth.
- Make sure you have the application done at professional applicators.
- Do not touch or open your windows in case of Architectural film for 24 hours after application.
- Do not leave your car for a long time in extremely hot and extremely humid environments. We recommend that you protect your car with Cover in extreme temperatures.

