



Quad Smart Film Self-Adhesive Installation Guide

Instructions to Install Quad Smart Film's Self Adhesive Smart Film:

Please read these instructions carefully before beginning. You may want to watch an instructional video that your QSF Representative can provide you with. We recommend practicing the steps with a small piece of film or beginning on a smaller window. Application is easier with two or more people, especially on large windows. If you have any further questions, please contact your QSF Representative, or call Quad Smart Film's Office at 702-998-9811 Monday – Friday 9:00am-5:00pm.

Tools & Materials Required

- Glass Blade or Scraper
- Dust Free Rubber Roller or a Small Hand Scrapper
- Small Hand Squeegee
- Nitrile Gloves
- Lint Free Microfiber Cleaning Cloths
- Liquid Glass Cleaner
- Isopropyl Alcohol
- Clear Waterproof Silicone Sealant
- A Box Cutter

Important Information

1. The Smart Film is a DRY installing application. Do NOT use water under any circumstances. If you do the Smart Film will not work properly and the Warranty will be VOIDED.
2. Clean the area and surrounding area the best you can to make as clean and dust free as possible for your working environment.
3. Always keep the Smart Film flat and straight.
4. The Smart Film will have three (3) protective layers one (1) on non-cling side on the side that will be facing you and two (2) on the side that has the Self Adhesive (a light silicone adhesive backing) the protective layer on until the installation done.
5. Please always wear nitrile gloves when install Quad Smart Film and Do Not remove the protective layer with the cling side until starting installation.
6. Avoid separating the Smart Films double layers by handling the Smart Film very carefully and watching the edges very closely.

7. When measuring the outer dimensions of the Smart Film provided by Quad Smart Film it should be 1/16" shorter than glass area. This is to make sure that the Smart Film Does Not Touch any metal around the framed glass area.
8. The Electrical Strip we call the BUSBAR should never be in contact with any metal or water. So please pay close attention that the wires are not hanging down and might get pulled off the BUSBAR.

Preparing the Smart Film

Step 1

Open the box and Place the QSF Self-Adhesive Smart Film on a clean, dry, flat surface.

Step 2

Make sure the cling side is facing up. Do not remove the protective liner until instructed to do so.

Step 3

Test the Smart Film.

Measure and Trim

Step 4

Measure the Windows Glass Size. You provided the measurements for the order but we all know that no window is exactly square.

Step 5

Measure and trim the Smart Film if needed. Remember when measuring the outer dimensions of the Smart Film it should be 1/16" shorter than the glass area.

Cleaning the Glass Surface

Step 6

Spray the glass area that will be applying the Smart Film to with any standard light glass cleaner using a microfiber cloth, scrape any hardened residues that are on that glass surface. Then wipe the glass area again with an absorbent cloth. The surface of the glass should be completely smooth and dry. Repeat as necessary.

Step 7

Using a soft lint-free microfiber cloth, wipe the surface of the glass with isopropyl alcohol. Leave it to evaporate.

Applying the Film

Step 8

Using a soft lint-free microfiber cloth, wipe down the protective liner on the cling side of the film to remove any dust or contaminants.

Step 9

Carefully peel back the first 3" - 4" (inches) of the protective liner covering the cling side. Make sure no dust falls on the cling side while doing this.

Step 10

Align the edge of the self-adhesive Smart Film with the top edge of the glass. When the film is in position, run your finger along the top while pressing down on the Smart Film. This will hold the Smart Film securely while you continue the application process.

Step 11

Slowly pull away the protective liner and allow the Smart Film to adhere to the glass under its own weight 3" – 4" at a time. Starting from the top, use a small hand scraper in a side-to-side motion (horizontal) gradually moving down to disperse any air bubbles. If any air bubbles are visible, carefully lift the film and let it sit back down under its own weight again, doing this you do take the chance of grabbing dust particles floating around your working area so please be very careful. If air bubbles are still present then carefully lift the Smart Film and check if any dust particles may have attached to the cling and use adhesive tap to remove or possibly a small piece of tape.

Step 12

Repeat the above processes until the Smart Film installation is free of bubbles and placed nicely on the glass surface.

Step 13

Use the soft edge squeegee to remove any trapped air bubbles on the edges of the Smart Film. If any edges appear to be slightly lifting, it will relax once the protective liner is completely removed. Don't worry about the edges because the clear waterproof silicone will help adhere the Smart Film down and onto the glass surface.

Finishing Touches**Step 14**

Use a standard non-acid based clear waterproof silicone along the edges of the Smart Film and the glass surface.

Step 15

Now your Smart Film installation is complete. Always clean the Smart Film by using a light standard glass cleaner by spraying the solution onto a soft lint-free microfiber cloth.