

SAFETY & SECURITY INSTALLATION GUIDELINES

Pre-Installation Guidelines

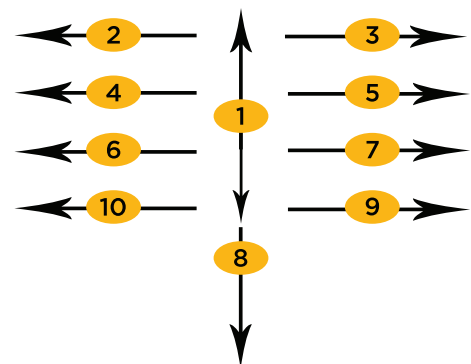
- For best results, we recommend ordering pre-cut film from XPEL to the exact window size. If you are cutting the film, we recommend using a Filmhandler cutting device. Due to the thickness of Safety Film, we do not recommend this last method unless you are an experienced installer, you may place the film against the window with the liner attached and trimming the film to fit.
- We recommend using a baby shampoo and distilled water mounting solution. It is important to use distilled water and baby shampoo due to the neutral balance of the product and its visual clarity after the drying period.
- Thicker safety films require heavy duty squeegees. We offer a full line of squeegees on our website, www.xpel.com. We recommend hard rubber blades as they provide better support during installation process to remove excess mounting solution.

Installation Guidelines

- Clean the glass surface and entire area around the glass (to include the edges and frames), then apply the mounting solution. After cleaning the entire area for installation, dry the area. Remove the film liner and spray the adhesive side thoroughly with the mounting solution. Next, spray the glass surface with the mounting solution. Once both surfaces are thoroughly wet, place the film, adhesive down on the glass and position accordingly.
- Spray the window film surface thoroughly with mounting solution, as to not leave any dry spots, so your squeegee can glide over the surface smoothly. Start at the center of the film and with a firm hand, hold the film in place and tack the film with a vertical squeegee stroke as depicted in **Diagram 1**.
- Following the same guidelines as above, complete passes 2 - 5 from **Diagram 1**. If the film is not an exact fit, leave a 2 - 3 border. Be sure to squeegee and dry the top edge thoroughly, to avoid mounting solution and debris from contaminating the film. Once the top is finished, continue to squeegee the film according to **Diagram 1**. If your pre-cut piece does not fit exactly, you can trim the sides and bottom of the film at this time. Spray the sides and bottom edges with the mounting solution and squeegee the excess moisture out from the film.

Tips: You will want to use both hands and your body weight during the installation process and lean into the squeegee stroke to ensure proper adhesion and removing excess moisture. We recommend an 50% overlap on each squeegee stroke pass. When you are squeegeeing, angle the blade slightly away from the previous stroke and keep the blade angled 30 to 45 degree from the window film/glass surface.

Diagram 1



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Installation Guidelines (continued)

- Once you have finished the squeegee strokes, take a blue shop towel and wrap it around the edge of a five-way tool or preferred hardcard. The purpose of the below is to remove excess mounting solution near the edges of the film and frame edge. When your towel becomes saturated, remove and replace with a fresh clean towel. Start at the corner of the window and use short strokes, keeping the tool 4 - 6 inches from the frames edge. Continue this process until the film edges near the frame are completely dried
- Once you have finished the installation and dried the edges, look at the film straight on and from various angles to ensure you have no large mounting solution pockets trapped between the film and the glass. In the event you have large pockets of solution, attempt to work them out with a towel wrapped five way tool or hardcard. Special caution should be taken as any trapped moisture runs the risk of causing champagne bubbles and imperfections that will not go away. If possible, leave the large solution bubbles alone, as they may go away, time and climate permitting.

