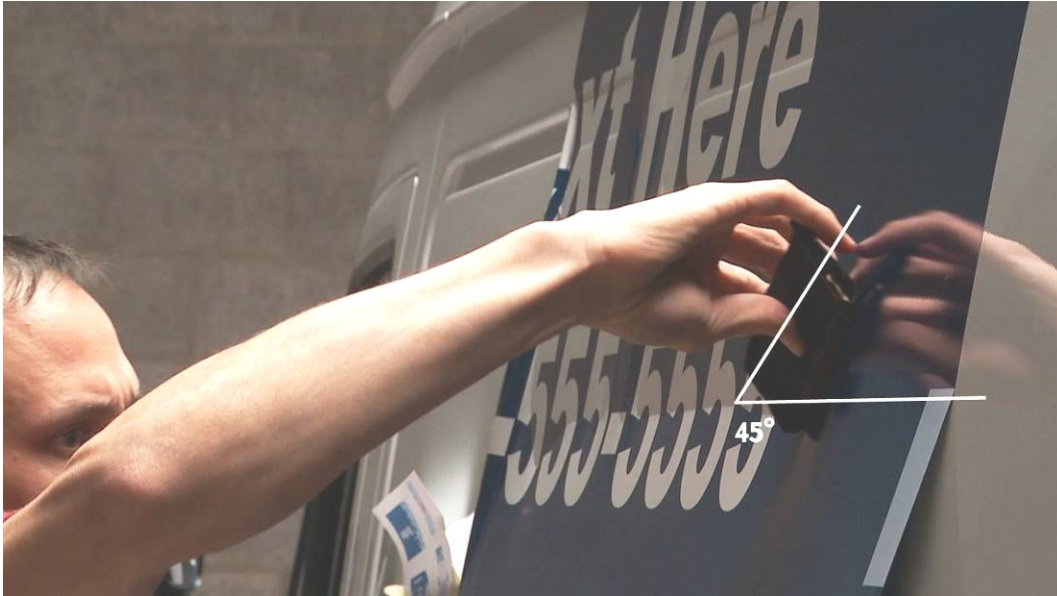


**Angle:** The optimum angle for applying the film is 45 degrees. This angle allows the air to properly escape while maximizing the amount of film that can be applied with each squeegee stroke. Too wide an angle and the air can't escape properly which can lead to bubbles and wrinkles. Too narrow of an angle and the squeegee strokes become inefficient and irregular.



**Efficient Strokes:** For large areas, the film should be worked down in even, side to side strokes; overlapping each stroke in one inch (3cm) sections. This process should be very methodical so the adhesive is uniformly bonded to the application surface. The film needs to be wrinkle free in order for the film to lay on the application surface.

For smaller areas, the squeegee strokes are shorter but the same principles apply. Overlap each stroke and angle the squeegee so the air can properly escape. A good tip is to use the free hand to hold the film away from the application surface. The free hand sets up the film before each squeegee stroke so that it can be properly applied.

**What to Avoid:** It is very important to squeegee firmly. Not using enough pressure will keep the adhesive from bonding properly with the application surface, which will lead to failures. Do not pick the squeegee up off the film when applying. Picking the squeegee up can lead to missed areas and bubbles. Also, do not push the squeegee in random patterns. This is an inefficient and haphazard approach that produces poor results.