



Security Film Installation Checklist & Tool Planner

(By [BlinkSigns](#) – Compliance. Clarity. Confidence.)



1. Pre-Installation Environment Check

Before you unroll the film, verify your environment.

A controlled environment ensures proper adhesion, optical clarity, and warranty eligibility.

Criteria	Ideal Standard	Your Status
Room Temperature	60–80°F (15–27°C)	☐ Pass ☐ Adjust
Humidity Level	Below 65% RH	☐ Pass ☐ Adjust
Dust Level	Low (use HEPA vacuum or tack cloth)	☐ Pass ☐ Adjust
Lighting	Bright, even lighting	☐ Pass ☐ Adjust
Glass Cleanliness	No residue or film	☐ Pass ☐ Clean again



BlinkSigns Pro Tip:

Micro-lint and static buildup are the top two reasons DIY films fail. Wipe with 70% IPA solution before you start.

2. Tool & Material Checklist

Keep this table near your workstation to avoid interruptions mid-install.

Category	Tools / Materials	Check
Cutting Tools	Snap-off knife, glass cutter, extra blades	☐
Application Tools	Squeegee, hard card, lint-free cloths	☐
Slip Solution	Distilled water + baby shampoo (2–3 drops per quart)	☐
Cleaning	Glass scraper, microfiber towels	☐
Safety	Gloves, safety glasses	☐
Measurement	Tape measure, T-square, marker	☐

BlinkSigns Pro Tip:

Use distilled water only — tap minerals can cause spotting and reduce adhesion.

3. Film Compatibility Matrix

Choosing the right film for the right glass is key to safety and warranty coverage.

Glass Type	Recommended Film	Film Thickness	Notes
Annealed	Safety / Security Film	4–8 mil	Common for interior glass
Tempered	Safety Film	6–8 mil	Avoid dual adhesion without anchor
Laminated	Security or UV Film	8–12 mil	Check for delamination risk
IGU (Insulated)	Energy + Safety Hybrid	8–12 mil	Confirm manufacturer approval

BlinkSigns Pro Tip:

Never apply reflective or dark tint films on IGUs without manufacturer confirmation — it can trap heat and crack seals.

4. Compliance Confirmation Table

Security films must meet multiple performance and safety standards.
Tick the boxes your product documentation confirms.

Standard	Description	Verified
ANSI Z97.1	Safety glazing material impact test	☐
CPSC 16 CFR 1201	Federal safety standard for architectural glazing	☐
ASTM E1886 / E1996	Missile impact and pressure cycling	☐
GSA-TS01	U.S. blast mitigation standard	☐
UL 972	Burglary resistance glazing	☐

BlinkSigns Pro Tip:

Always keep your film's data sheet with project records. Building inspectors or insurers may request them post-install.

5. Application Steps (Quick Reference)

A high-level summary for installers and teams.

1. **Prepare glass:** scrape, clean, and wipe dry.
2. **Mix solution:** 1 qt distilled water + 2–3 drops baby shampoo.
3. **Wet glass surface thoroughly.**
4. **Apply film:** adhesive side down, align edges.
5. **Squeegee center-outward.**
6. **Trim excess film.**
7. **Final inspection:** edge seal, no bubbles or contaminants.

 *Cure time:* 7–10 days (avoid cleaning edges during this period).

6. Post-Install Evaluation

Inspect your work before signing off.

Evaluation Point	Status	Notes
Alignment accuracy	☐ Pass ☐ Adjust	
Edge sealing complete	☐ Pass ☐ Adjust	
No visible haze or bubbles	☐ Pass ☐ Adjust	
Labels removed cleanly	☐ Pass ☐ Adjust	
Documentation archived	☐ Pass ☐ Adjust	

BlinkSigns Pro Tip:

Always inspect under daylight. Interior lighting can hide trapped moisture that becomes visible later.



7. Maintenance & Warranty Log

Inspection Date	Inspector	Film Condition	Corrective Action	Notes

BlinkSigns Suggestion:

Schedule inspections every **6 months** to maintain warranty and compliance integrity.



8. Need Expert Support?

Even perfectly executed DIY installations can benefit from a professional post-inspection.

BlinkSigns offers certified site assessments for compliance and long-term film performance.



[Book a Free Compliance Check →](#)