

**APEAX OPTISHIELD**

# INSTALLATION GUIDELINES

Apeax Optishield Windshield Protection Film (WPF)



[www.apeax.com](http://www.apeax.com)

## PREPARATION

### INSTALLATION PROCESS

### POST-INSTALLATION

### CARE GUIDELINES FOR VEHICLE OWNER

### KEY INSTALLER NOTES



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## PREPARATION

### WORK ENVIRONMENT

- Ambient temperature: 65–80°F (18–27°C).
- Indoor, dust-free bay with good lighting.

### TOOLS & MATERIALS

- Slip solution: distilled water + j+j baby shampoo.
- Tack solution (max 10% ipa (70%) / 90% water mix).
- Professional squeegee set (soft and firm blades).
- Spray bottle with mist setting.
- Microfiber towels.

### GLASS PREPARATION

- Deep clean windshield using glass-safe cleaner.
- Clay bar and use blades to remove contaminants.
- Wipe down with an ipa solution for a residue-free finish.

## INSTALLATION PROCESS

### FILM HANDLING

- Store Film In A Clean, Dry Area Before Installation.
- Always Handle Film With Wet Hands To Prevent Contamination.

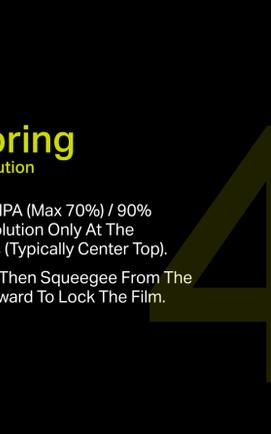


### Solution Application

- Mist Slip Solution Evenly Across The Entire Glass Surface.
- Mist The Adhesive Side Of The OptiShield WPF After Liner Removal.

### Positioning The Film

- Place The Film Adhesive-Side Down On The Wet Glass.
- Align Centrally, Ensuring Equal Margins At Top And Sides.
- Avoid Excessive Stretching.



### Anchoring With Tack Solution

- Use The 10% IPA (Max 70%) / 90% Water Tack Solution Only At The Anchor Points (Typically Center Top).
- Spray Lightly, Then Squeegee From The Anchor Downward To Lock The Film.

### Final Squeegee Process

- Using Firm, Overlapping Strokes, Squeegee From Center Outward.
- Work In Controlled Passes To Push Slip Solution To The Edges.
- Do Not Use Heat — OptiShield Is Designed For Cold, No-Heat Installation.



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## POST-INSTALLATION

### EDGE FINISHING

- wrap microfiber around squeegee edge to dry perimeter.
- Press Out Any Remaining Solution Pockets At The Edges.

### CURE TIME

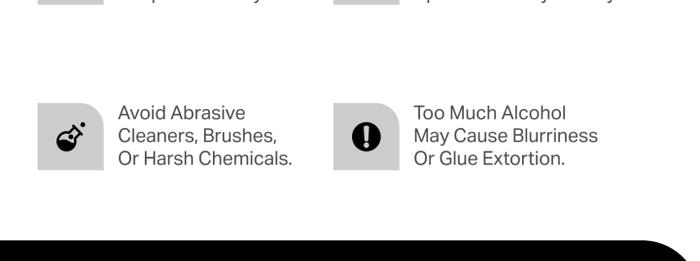
- Do Not Wash The Vehicle For 48 Hours.
- Full Bond Develops Over 1–2 Days Depending On Climate.

### INSPECTION

- Check For Uniform Clarity.
- Small Moisture Pockets May Remain Temporarily But Will Dissipate Naturally.



## CARE GUIDELINES FOR VEHICLE OWNER



Hand Wash Only With PH-Neutral Soap After 7 Days.



Annual Inspection Recommended To Maintain Apeax Warranty Validity.



Avoid Abrasive Cleaners, Brushes, Or Harsh Chemicals.



Too Much Alcohol May Cause Blurriness Or Glue Extortion.

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## KEY INSTALLER NOTES

- ALWAYS USE 10% TACK SOLUTION ONLY FOR ANCHORING.
- SLIP SOLUTION: DISTILLED WATER + J+J OR 5TH GEN SOAP.
- NO HEAT SHRINKING REQUIRED OR PERMITTED.
- OPTISHIELD MUST BE INSTALLED BY A CERTIFIED PROFESSIONAL TO QUALIFY FOR WARRANTY COVERAGE.

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