



# **M-TEK**

## **PLATINUM PAINT PROTECTION FILM**

# **INSTALLATION MANUAL**

**Provide superior protection against:**

Scratches



Stains & Dust



Stone Chips



Bird Droppings



Bug Splatters



UV Damage



# INSTALLATION MANUAL

## PRE-INSTALLATION REQUIREMENTS

- Install in a dust-free environment with a temperature range of 20°C – 30°C for optimal adhesion and flexibility.
- Avoid direct sunlight and outdoor wind exposure to prevent contamination.
- Ensure the PPF adjusts to room temperature before installation for optimal flexibility & adhesion.

## SURFACE PREPARATION

- Inspect the paint condition for any imperfections or repainted areas.
- Clean the surface with isopropyl alcohol (IPA) solution (18:85 IPA to RO/distilled water ratio) to remove oil, dirt, and residue.
- Apply a mild soap solution (5–6 drops of baby shampoo in 1L water) & wipe with a lint-free micro fiber cloth.
- Repeat cleaning if necessary for a smooth, contaminant-free surface.



## M-TEK PLATINUM PPF INSTALLATION

### Preparation of Application Solutions

- **Soap Solution:**  
Cold Weather: Mix 2–3 drops of mild soap in 1 liter of RO/distilled water (15–23°C).  
Warm Weather: Mix 6–7 drops of mild soap in 1 liter of RO/distilled water (20–32°C)
- Ensure the working area is clean and dust-free.

### Installation Process:

- **Step 1: Surface Preparation**  
Clean the installation surface with clean water and a branded lint-free micro fiber towel.  
Remove contaminants before applying the film.  
Shake the soap solution bottle well before use.

- **Step 2: Film Application**

Slowly remove the liner film from the M-TEK PLATINUM PPF.

Spray Soap Solution generously on the adhesive side of the PPF and the installation surface. Position the PPF carefully and ensure full coverage.

Apply additional Soap Solution to the top side of the film for smooth movement of the Squeegee.

- **Step 3: Squeegee Application**

Use light strokes initially to position the film.

Start squeezing from the center and push the solution outward.

Overlap strokes to remove air and water pockets.

For curved areas, pull and stretch the film gently without applying heat.

- **Step 4: Final Adjustments**

Trim excess PPF after installation.

Use the first soft squeegee pass to avoid water marks, followed by a hard squeegee pass.

Do not overstretch the film, as it may cause stretch marks.

Ensure all soap solution is removed from under the film.

- **Step 5: Post-Installation Care**

Regularly clean the film, especially around the edges, to prevent dirt buildup.

Remove bugs, tree sap or other contaminants as soon as possible to avoid damage.

Avoid spraying water directly at the edges of the film with a pressure washer or hose to prevent lifting.

To maintain the gloss and self-healing properties, apply PPF sealant or polish every 3 to 4 months after washing.

Do not wash the vehicle for at least 72 hours after installation to allow the film to settle.

Follow these guidelines for a smooth and durable M-TEK PLATINUM PPF installation.



# PPF REMOVAL PROCESS

- Gently lift one corner of the film and peel it off using a smooth pulling motion at an angle between 30° to 45° from the surface.
- If the film is challenging to remove due to aging or low temperatures, use a steamer to loosen the adhesive.
- A hair dryer or heat gun can also be applied to soften the adhesive, making the removal process easier.
- Steam application helps detach the film effectively, ensuring that most of the adhesive remains on the film rather than transferring to the vehicle surface.

## STORAGE CONDITION

The shelf life of this film is one year when stored in its original packaging at a temperature ranging from 18 to 26°C and relative humidity of 50 to 60%.

DO'S	DON'TS
<p>Ensure the installation is done in a dust-free &amp; controlled environment for the best results.</p> <p>Wear clean, dust-free and lint free clothing to avoid contamination during installation.</p> <p>Use a sharp blade with a 30° cutting angle for precision trimming and a smooth finish.</p> <p>Maintain an optimal installation temperature between 20°C to 30°C, avoiding direct sunlight.</p> <p>Apply only recommended installation solutions and avoid using excessive pressure while handling PPF.</p> <p>Store horizontally in the designated storage area.</p>	<p>Do not allow the installation gel to dry. Always squeeze out excess gel immediately after placing the PPF.</p> <p>Never apply PPF over coatings like Ceramic, Teflon, or Wax, as they can interfere with adhesion.</p> <p>Avoid applying PPF on repainted surfaces, as adhesion may not be optimal.</p> <p>Do not store the product vertically or at an angle.</p>

## IMPORTANT NOTE

After M-TEK PLATINUM PPF installation, minor air or water bubbles may appear but will disappear during the curing process, which varies with humidity and temperature. For the best results, install in a clean, controlled environment and follow proper post-installation care to ensure durability.



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