

Torian ToriShield PPF – Wet Apply Application Guide

The Torian ToriShield PPF Series is engineered for ultimate protection, versatility, and premium aesthetics, offering tailored solutions for professional installers and demanding applications.



✓ 1. Preparation

- Environment: Apply in a clean, dust-free indoor workspace (18–25°C recommended).
- Surface: Wash and decontaminate the vehicle thoroughly. Use a clay bar if necessary.
- Final Clean: Wipe down with isopropyl alcohol (IPA 70%) to remove any oils, wax, or residues.
- Inspection: Ensure paintwork is clean and free from defects (scratches, chips, & respray dust).
- Paint Finish: Torian PPF is suitable for use on OEM factory paint. They can-not be applied to ceramic coated paint surfaces.

✓ 2. Tools Required

- Professional-grade spray bottles (slip solution + tack solution).
- PPF applicator squeegees.
- Heat gun or IR lamp.
- Microfiber cloths and lint-free towels.
- Cleaning buckets.
- Application Gloves.

- Clay bar and cleaning chemicals.
- Sharp precision knife with clean blades, blade braker & sharps-storage.

✓ 3. Application Solutions

- Slip Solution: Clean distilled water + a few drops of baby shampoo (or PPF-specific slip concentrate). Allows positioning without premature tack.
- Tack Solution: 70% isopropyl alcohol (IPA) mixed with water (typically 30% IPA / 70% water). Used for edges, curves, and final bond.

✓ 4. Application Steps

Film Handling

- Store the film vertical and in original packaging.
- Cut film to size with sufficient margin. (MATMAK is a suitable software package for pre-cut templates)
- Avoid touching adhesive with fingers.

Cap Sheet

- The cap sheet protects the surface during transportation and conversion.
- The cap sheet should be removed before installation.
- Keep the roll wound tightly to avoid cap sheet tunnelling.

Working Environment

- Installation of PPF must always be carried out in a dust free and clean environment
- The vehicle must be perfectly clean.
- We recommend using a clay bar for de-contamination after washing the vehicle.

Wet Application

- Generously spray slip solution on the adhesive side of the film and the panel surface.
- Position the film accurately, ensuring alignment and even margins.

Squeegee Process

- Begin from the centre of the panel and work outwards in overlapping strokes.
- Use firm, consistent pressure to push slip solution out from under the film.
- For tighter areas, switch to tack solution to secure adhesion.

Edges & Curves

- Spray tack solution under edges and recessed areas.
- Use a heat gun/IR lamp lightly to relax film and increase conformability.

Cutting & Trimming

- Ensure full adhesion before trimming excess.
- Never cut on a customer vehicle

Final Inspection

- Recheck all edges, corners, and recesses for secure adhesion.
- Remove any trapped moisture by gently lifting and re-squeegeeing if necessary.
- Leave vehicle in controlled environment for minimum of 24 hours before exposure to rain or outdoor weather environments.

✓ 5. Aftercare & Maintenance

- Avoid washing the vehicle for 48 hours after application.
- Use pH-neutral car shampoo and avoid harsh chemicals.
- Recommend ceramic coating (optional) for enhanced gloss and hydrophobic protection (NanoShield is a preferred choice).
- Regularly inspect and maintain to prolong performance and finish.

✓ Best Practice Tip:

Always work panel by panel, keep solutions clean, and replace blades regularly to avoid contamination or damage.

✓ For installation training please contact sales@torian.group.

Torian® Warranty

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the product for each application. In case of doubt, please request an expert evaluation of the compatibility of the film and the surface in question. All of the published information is based on measurements regularly performed in the laboratory. The published information does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice.