



ASHIELD PROFESSIONAL DOCUMENT

Installation Instructions

A professional reference for preparing, applying, maintaining, and removing ASHIELD Paint Protection Film.

INSTALLER GUIDE

Sales & Support: info@ashieldfilm.com

Document purpose

These instructions describe the process used to apply ASHIELD Paint Protection Film to vehicle surfaces. Before installation, review the relevant product data sheet, confirm substrate suitability, and make sure all project conditions comply with product specifications.

Best working environment: 16-30 C (60-86 F) with 44%-55% relative humidity. Store film in its original package and use within one year of purchase.

Important installation tips

- Keep hands thoroughly clean throughout application. Fingerprints, dirt, and skin oils can transfer to the adhesive and are difficult to remove.
- Avoid application in windy conditions. Wind can carry dust or debris onto the adhesive and make contamination visible after installation.
- Use clean water, clean tools, and a clean work table to reduce adhesive-side contamination.

Installation tools

Tool / Material	Purpose
Tool belt	Keep key tools accessible during the job.
Needle, scalpel, or sharp razor blade	Precision trimming and controlled detail work.
Soap solution: 5 ml detergent + 1.5 L water	Slip solution for positioning and squeegee work.
Isopropyl alcohol	Surface cleaning and edge preparation.
Squeegees	Film positioning, water removal, and edge setting.
Lint-free cleaning cloth	Clean panels without leaving fibers.
Spray bottles	Apply slip and cleaning solutions evenly.
Laser thermometer	Check film and panel temperature.
Air release tool	Release small trapped air pockets when required.
Professional heat gun	Controlled warming for complex panels and removal support.
General purpose adhesive cleaner	Remove adhesive residue when appropriate.
Clean work table	Prepare film and tools away from contamination.

Storage

Maintain the film storage location at 16-30 C (60-86 F) and 44%-55% relative humidity. Film should remain in the original package before use. Proper storage helps preserve maximum performance and supports a smoother installation process.

Temperature and surface preparation

- Apply ASHIELD Paint Protection Film when both air temperature and application surface temperature are between 16-30 C (60-86 F).

- If the surface is too cold, raise the surface temperature using a portable heater, heat lamps, or hot water where appropriate.
- Confirm the panel is clean, dry enough for the chosen process, and free from oils, waxes, dust, and residue before applying film.

Application procedure

ASHIELD installation uses two primary squeegee stroke types during film application. Use controlled strokes to position the film, remove solution, and secure edges. Work methodically from stable anchor points toward open edges while avoiding trapped contamination.

Cleaning, maintenance, and removal

- Do not wash the vehicle for 24 hours after installation.
- After the initial 24-hour period, the film may be washed and waxed normally with the vehicle.
- Avoid spraying film edges directly with a pressure washer or hose to reduce the chance of lifting edges.
- Do not use pigmented or abrasive waxes, polishes, or similar products on the film.
- Test any commercially available cleaning product on an inconspicuous area before regular use.
- To remove film, lift a corner and pull at a 30 to 90 degree angle. If the film is difficult to remove due to age or cold temperature, use a steamer, heat gun, or hair dryer to soften the film.

Disclaimer

This document describes installation techniques and recommendations based on information ASHIELD believes to be reliable. ASHIELD does not warrant or guarantee the accuracy or completeness of this information, and installation decisions remain the responsibility of the installer.