



Installation Guide for Motorcycle Paint Protection Film Kits

Please also view the installation videos on our website www.shieldit.co.za

Application Solutions

Prepare two application solutions, as follows:

Dissolve 5 ml SLIPSOL Concentrate in 5 litres water to form the **Slip Solution**

Mix 125ml Isopropyl Alcohol (IPA) with 375 ml water to form the **Fixing Solution**

Planning

Be prepared - Look over the pattern and make sure you know where each piece goes. Examine the kit to be applied on a clean, flat surface. Determine which pieces will be installed first and where they should be installed on the vehicle. The Layout Sheet supplied with the kit will assist you in determining proper component placement.

Cleaning

Work in a clean and dust free area which is sheltered from wind and rain. Wind and dirt will prevent you from doing a quality installation.

Clean the bodywork thoroughly, using benzene or methylated spirits to remove any grease and road grime. Ensure that all bugs, tar, dirt and other contaminants are removed. Also clean around the area where the protection is to be fitted to ensure that hidden dust and dirt is not dislodged whilst spraying the area with solution, as this could run down and get behind the film and ruin the installation.

Application

Application should be done under warm, dry conditions, at a temperature of 15-32 deg C. The area should be well illuminated but do not work in direct sunlight as it will be difficult to see bubbles and blemishes. We recommend that you apply sections of the kit one by one, and that you take your time doing so.

Spray the area to be protected with **Slip Solution** until the surface beads. You can **NEVER** use too much Slip Solution, so be liberal when wetting the vehicle surface and film components.



Wet your hands thoroughly with Slip Solution and keep them wet whenever you are handling the film. Slowly remove the film from the release liner (backing paper), and spray the adhesive side of the film liberally with Slip Solution as you do so. This will prevent the film sticking to itself if it were to fold over by accident. Liberal use of Slip Solution will allow you to lay the film down onto the vehicle and still be able to slide it around to position it correctly. Take care not to drop the film component or let it contact contaminated surfaces, as it will not be possible to remove dirt or grit once it is on the adhesive. Make sure that both the vehicle surface and the film is soaked with Slip Solution, and then lay the film component down on the vehicle. Use your flat hands to slide the piece into it's correct position. If you need to lift the film off the surface to remove air bubbles, ensure that you spray the adhesive with a liberal amount of Slip Solution again before you lay it back down again.

To illustrate the application process we will describe installation of the nose cone of the front fairing.

Lay the appropriate piece which you removed from the backing sheet onto the nose cone, starting from the centre. Position the film so that it aligns as closely as possible with the edges of the nose cone.



Once the piece is correctly aligned, gently lift the centre section slightly and rinse the Slip Solution out using the Fixing Solution. Lower the film back into place and tack the centre section into place using your squeegee, starting at the centre and working both upwards towards to top of the nose cone, and then downwards towards the lower end.

Always ensure that the outer surface of the film is wetted using Slip Solution in order to reduce friction between your squeegee and the film surface. This will avoid scratching and creasing the film surface.



Now use your squeegee to work outwards towards the outer edges of the nose cone using overlapping strokes to avoid tunnels of Slip Solution being left behind.

Remember to wet the outer surface of the film thoroughly with Slip Solution whilst squeegeeing it down.



Continued overleaf



Gently stretch the film to align with the edges of the nose cone, ensuring that your hands are wet with Slip Solution at all times.

If the edge of the film tends to lift or retract after the squeegee has passed over it, gently lift the edge of the film and spray liberally with Fixing Solution, then stretch and squeegee the film into place. Always keep the film wet as it is laid down, and use the solutions freely.



When working on large areas, only apply the Fixing Solution to the section of film that is to be affixed immediately. Leaving the Slip Solution under the film until final fixing will allow it to be repositioned and stretched as required without damaging the adhesive.

If a particular section of film has been laid down and squeegeed into place, and the need arises for it to be repositioned or removed to get rid of bubbles, then the entire piece must be lifted off the vehicle, again sprayed liberally with Slip Solution, and refitted from scratch. Do not try and lift only part of a piece which has already been squeegeed into place, as this will result in marks which are permanently visible after installation. If lifting the piece off appears necessary, do this as soon as possible after the film has been fitted, and do not try and lift film more than 5-10 minutes after it has been squeegeed into place, as this will cause a line in the adhesive which will be both visible and permanent.

Bubbles may be removed by gently lifting the film closest to the edge, spraying a liberal amount of Slip Solution, and then squeegeeing the bubble towards the edge.

Ensure that all Slip Solution and Fixing Solution is squeegeed out. Failure to do so will result in water being left behind which will cause a silvering or haze in the film appearance. Except in extreme cases, this will however disappear over a 24 to 48hour period.

These instructions have dealt with the part that is normally the most difficult to install. The other components in the kit should be considerably easier, so just follow the same procedure for the rest of the installation.

Included in the kit:

- 1 This Installation Instruction Sheet.
- 2 A Layout Sheet for the kit, showing where the parts go.
- 3 One 250ml spray bottle, for use with Slip Solution.
- 4 One 250ml spray bottle, for use with Fixing Solution.
- 5 One 20ml syringe filled with SLIPSOL Concentrate.
- 6 One 125ml jar filled with Isopropyl Alcohol.
- 7 One 3M Gold Applicator for squeegeeing the film.
- 8 Two 3M Low Friction Sleeves. Slip one over the squeegee to avoid squeegee marks on the film.



Remember:

- You can NEVER use too much Slip Solution or Fixing Solution.
- Take your time and don't rush, particularly at first whilst you are inexperienced with the film installation procedures.
- Keep both your hands and the film wet and you can reposition it many times without damage.
- If edges or corners do not adhere immediately, leave them and continue with another section. After a while these will dry and should then stick down easily.