

TRIBOS APPLICATION SUMMARY TRAINING MANUAL



AUTOMOTIVE

IMPORTANT POINTS **TO REMEMBER**

- **SURFACE PREPARATION**

All Tribos protective polymers rely heavily on surface preparation for effective adhesion and therefore longevity, whether on glass or painted surfaces.

Applying the protective coatings is a relatively quick and simple process and it may be tempting to focus on these steps, however, it is important to remember the following:-

- Cleaning the surface for all Tribos products is vital
- Cleaning the surface and Tribos cleaning products are an integral part of the treatment system
- Using the protective coatings alone will only achieve a short-lived final finish.

Tribos treatments bond to the surfaces that we treat. Surface cleaning is an essential part of the process to ensure that there is no barrier between the treatment and the surface.

CHECK FOR RAIN

As with all polymers, they should be applied in a clean, dry environment above 7°C. If you are not under cover and the weather looks doubtful, do not apply the coatings until it is likely to be dry. Applying Tribos protective coatings in wet or cold conditions will severely limit the curability and longevity of the products, and should never be done.

TEMPERATURE

When temperatures exceed 24°C, use less product and apply to smaller areas.
AVOID APPLYING IN DIRECT SUN LIGHT where possible.

PAINT PROTECTION

Avoid touching the treated surface. Over the next 24 to 48 hours, the polymer will react with moisture in the air to cross-link and form a continuous cargo net type protective coating. However, when it is first applied, it consists of small individual 'units' that can be displaced. After the first 2 hours, 80% of the curing process will be complete. The level of gloss may appear to have dropped if measured by a 60° angle gloss meter, even though it appears bright. However, once the polymer has cured and it has been washed, the meter reading will increase to high levels. This is because a fine clay residue surfaces as the polymer cures and is removed during the first two or three washes. This clay is invisible to the naked eye

Tools for Paint



Orbital polishing Machine to apply Tribos Zero swirl and Paint Polymer (purchased from Tribos)



Grey 6.5 inch Zero Swirl application pad (available separately)



Microfibre bonnets to apply Tribos Paint Polymer (Available from Tribos Coatings)



Microfibre cloths to remove any residue from Tribos Zero Swirl and Tribos Paint Polymer (supplied 4 / 10 kits)



Masking tape to protect any plastics at risk of damage by either the product or machine (to be purchased)



Water spray bottle to help remove any residue that is difficult to remove (to be purchased)



Electrical extension lead to run the orbital polishing machine (to be purchased)

SUMMARY OF APPLICATION TO A MOTOR VEHICLE

1. Make a note of any damage
2. Thoroughly clean the vehicle
3. (If done in conjunction with Tribos Better View™ Glass protection products, Clean and then renovate the glass before drying the vehicle
4. Completely dry the vehicle
5. Mask out any components at risk of damage by the Tribos orbital polisher
(particularly plastics).
6. Apply Tribos Zero Swirl
7. Apply Tribos Paint Protection
8. Remove all masking
9. Continue to apply the Tribos Glass Treatment
10. Check over vehicle

Tribos Automotive Paint Treatment

Two Bottle Process

1. Tribos Zero swirl

- Cleans off any residue and waxes.
- Removes any residual chemical contamination, giving an ultra-clean surface.

2. Tribos Paint polymer

Paint Protection.

TRIBOS PAINT PROTECTION PROCESS, **PRODUCT APPLICATION**

- **(Stage 1)**Tribos Zero Swirl -Using a soft foam application pad.
- **(Stage2)**Tribos Paint Protection -Using a soft foam application pad with Tribos Micro-fibre Bonnet.

Applying Tribos Zero Swirl (Stage 1)

1. Set your random orbital polisher to 6000rpm and Apply Tribos Zero Swirl to a 7" soft application head (sponge) attached to the Random Orbital Polisher.
2. Dab evenly across the surface to be prepared.
3. Switch on the Machine and spread material around a 1m² area or 1 panel at a time. - Only switch on the machine when the pad is resting on the vehicle surface to prevent splatter of the polish / zero swirl
4. Slowly work the product into the paint moving horizontally and vertically with a minimum of 3 passes, thereby cleaning the surface removing any contamination.
5. Apply more product as required.
6. Taking great care remove any excess residue with a clean micro-fibre cloth.
7. Repeat this process on the rest of the vehicle.
8. Any areas not reachable by the machine to be done by hand including under the boot, door checks, under the bonnet and any recessed areas.
9. Any residue that is difficult to remove, to be removed using the water spray gun and a

Applying Tribos Paint Protection (Stage 2)

1. Proceed to the Tribos paint protection (Polymer) process immediately after completing the Zero Swirl process.
2. Attach a micro-fibre bonnet to a clean application pad and set machine at 5000rpm.
3. Apply Tribos Paint Protection to the micro-fibre bonnet. (3 x pea-sized dollops per 1m²)
4. Dab evenly across the surface to be protected.
5. Switch on the Machine and spread material around a 1m² area or 1 panel at a time.
6. Slowly work the product into the paint moving horizontally and vertically passing a minimum of 3 times for that perfect uniform finish.
7. **Remember** - at this stage, less is more since the layer needs only to be 1 molecule thick.
8. Take any excess residue off with a clean micro-fibre bonnet on the machine or clean microfibre cloth
9. Repeat this process on the rest of the vehicle.
10. Any areas not reachable by the machine to be done by hand including under the boot, door checks, under the bonnet and any recessed areas.
11. If there is any left-over residue, remove it with a clean microfiber cloth and if there is any left-over residue, remove it with a clean microfiber cloth. For difficult-to-remove areas use a fine spray mist of water. Stand 1 metre away and apply a fine mist to soften the residue then re-buff to a shine

Reduce the amount of polymer usage for smaller panels (3 pea size dollops per 1m²)