

# TRIBOS APPLICATION SUMMARY TRAINING MANUAL



## ***AUTOMOTIVE GLASS***

## **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. 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 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.

## GLASS PROTECTION

The glass protection should not be applied in a damp atmosphere as it will not adhere optimally to the glass surface. We recommend applying in dry weather. The glass protection is cured 10 - 15 minutes after bottle 3 of the Tribos Glass Protection Procedure has been completed and the surface can then be masked with tape if necessary.

## GLASS 3 BOTTLES

### Glass

Bottle 1 Renovator  
Bottle 2 Neutraliser  
Bottle 3 Protector



## Tools needed for Glass



**Scouring Sponge for Bottle 1 Renovator**



**Squeegee blade to dry glass**



**Tissue paper to apply Bottle 2 Neutraliser**



**Microfibre clothes to apply and buff Tribos Glass Protector**



**Water spray bottle to help clean the glass, bottle 1**

## **SUMMARY OF APPLICATION** **TO A MOTOR VEHICLE**

1. Make a note of any damage such as stone chips, crack, abrasions etc.
2. Thoroughly clean the vehicle
3. Clean and then renovate the glass before drying the vehicle, bottle 1.
4. Completely dry the vehicle
5. Continue to apply the Tribos Glass Treatment, Tribos Neutraliser bottle 2
6. Apply the Tribos Protector, bottle 3
7. Check over vehicle

## **Tribos Automotive Glass Treatment**

### **Three Bottle Process**

#### **1. Tribos Glass Renovator (Bottle 1)**

- Cleans off any residue and dirt, giving an ultra-clean surface.

#### **2. Tribos Neutraliser (Bottle 2)**

- Neutralises the surface to PH7 level.
- Removes Moisture.
- Removes any residual chemical contamination.

#### **3. Tribos Glass Protector (Bottle 3)**

- Glass protection.

## Applying Tribos Automotive Glass Treatment

1. Before you begin, clean and inspect your windshield (and back glass) wiper blades for ageing and /or cracking. A clean wet cloth would be good enough.
2. Using a damp glass scouring pad thoroughly clean the windows of the vehicle with the Tribos Glass Renovator (**Bottle 1**), scrubbing the glass until it is clean. If the renovator dries up apply a little water using a spray, or more renovator. Look for a complete cover of renovator over the surface being cleaned to indicate that all the contamination is removed.
3. Once the surface is clean, jet wash the glass completely removing the entire renovator residue. at this stage you are looking for the water to sheet to the glass evenly over the whole surface, confirming the glass to be hydrophilic / clean
4. Neutralise all windows with Tribos Glass Neutraliser (**Bottle 2**) using tissue paper, and allow to evaporate naturally.
5. Take a clean microfibre cloth, fold the cloth then apply the Glass Protector (**Bottle 3**) directly to the cloth until it is wet but not dripping.
6. Start at the edges and apply the Glass Protector in 1 run around the edge of all of the glass, repeating on all windows. Re-fold the cloth ensuring there is no black residue on the buffing side from the rubber seals, then apply more Glass Protector.
7. Working in straight lines vertically then horizontally, apply the Glass Protector to the entire glass surface. Wait 30 – 40 minutes for this layer of polymer to etch into the glass surface.
8. Buff the coated surface with a clean, dry microfiber cloth to remove all visible traces of the protector
9. After 5 – 10 minutes take the microfibre cloth and repeat the process, this time ensure the surface is buffed to a complete shine.
10. Any residue that is difficult to remove or any streaking, slightly dampen a fresh paper towel with Tribos Neutraliser and clean the affected area, then re-buff to a shine with a microfibre cloth. DO NOT USE WATER
11. Allow 2 hours for the initial curing and polymerization to begin. The protector should be about 80% cured within the first 2 hours, and fully cured and hardened after 48 hours. During this time AVOID pouring water on the glass or driving in rain, as well as avoid using the windshield wipers.