

TRIBOS FACT SHEET

TRIBOS® GLASS PROTECTION

As part of the Tribos Total Protection Package, we also protect and preserve glass.

There are many benefits to protecting a vehicle's glass with Tribos Glass Protection:-

- Crystal clear glass for enhanced all-round visibility
- Increased safety and reaction times on vehicles driving at speed provided by a hydrophobic barrier that causes rain to dissipate from the screen using only the motion of the vehicle.
- Pores in the glass are sealed, preventing dirt and salt crystals from degrading the glass.
- Glass stays cleaner for longer, creating a 'showroom' look with a simple wash-down leading to increase in pride of ownership and resale value.



The Tribos Glass Protection system is applied using a three stage process.

The first stage is a cleansing stage. The glass must be expertly prepared using a unique combination of mechanical and chemical cleaning processes. This ensures that all dirt, oil and organic contamination is removed from the pores of the glass.

Tribos Glass Renovator is made with a rare earth metal specifically used for glass polishing. This cleans and polishes the surface of the glass removing dirt from the pores of the glass which allows light to refract straight back which greatly improves visibility. After applying the product as instructed, the glass becomes hydrophilic (attracts water). It is applied by machine using a non-abrasive scouring disc.

THE PRESERVATION OF PERFECTION

The second stage is a further cleanser. Tribos Glass Neutraliser is used to PH neutralise the glass and evaporate any water from the pores of the glass. It is similar to using alcohol to remove oils – it leaves the glass surgically clean and prepares the surface for the protector to bond to the glass.

The third and final stage is the application of the Tribos Glass Protector.

This is applied with a clean microfibre cloth. It fills the pores of the glass and leaves a hydrophobic coating (repels water). The product bonds to the surface and will not wash off as it forms a barrier between the surface and the environment. Once the surface is sealed, dirt cannot penetrate the pores of the glass and this maintains the improved visibility and the ease of cleaning. Furthermore, the hydrophobic property of the glass leads to an increased reaction time whilst driving in the rain.

Applying a hydrophobic coating to a glass surface increases the contact angle when compared to normal glass. This reduces the surface area of the water droplets that remain in contact with the glass, therefore, allowing them to fall away quicker.

A contact angle of 90° and above would normally be classed as hydrophobic – following a Tribos Glass Protection Treatment, the contact angle can be measured at 104°.



For more information and to find your nearest stockist, please contact us:-

info@triboscoatings.com / +44 (0)1425 470850 / www.triboscoatings.com

THE PRESERVATION OF PERFECTION

TRIBOS® Glass Aftercare Guide and Warranty Information

Durability Guideline

TRIBOS® Glass Protection Treatments, professionally applied to automotive windows will last for up to 6 months or 6000 miles. TRIBOS® Glass Protection will not protect against paint chips, scratches or other mechanical damage.

Important Tips and Advice

Bird liming, tree sap and insect remains are corrosive and should be washed off immediately using a clean sponge and Tribos Low Alkaline Shampoo. Failure to do so may result in not only damage/removal of the Protector, but also damage to the glass and may also invalidate your Tribos warranty.

Next 6 Months

Wash your vehicle regularly with TRIBOS® Low Alkaline Shampoo and a clean sponge. Use a clean chamois to remove any watermarks.

When washing your glass, please note that certain scourer pads will scratch your glass, such as the General Store kitchen green backed pads.

Only use the non-woven scourer pads with a white scouring surface.

First Hour

This is the curing period, and where possible we recommend that the treated surface is not touched or disturbed so as to allow the chemical bonding to take place. The bonding begins to happen immediately and is 90% complete after an hour. However, if possible during the first 4 hours:-

Do not touch the treated surface

Keep the vehicle dry

THE PRESERVATION OF PERFECTION