



## TCW GRAPHONIX EDGE TDS & APPLICATION GUIDE

Graphonix Edge brings cutting-edge graphene technology to your vehicle's trim, ensuring it retains its colour and integrity for up to 2+ years.

Edge protects from fading, staining and environmental damage, making it the definitive choice for maintaining the crisp, sharp look of your vehicle's accents.

Secure your trim against the sun's UV rays and the trials of the road and maintain the depth and richness of your trim, keeping it as vibrant as the day you applied Edge.

Formulated for the unique materials used in vehicle trim, and utilising strength and flexibility of graphene, Edge provides a trim coating that truly lasts.

At the heart of the coating is our cutting-edge hybrid graphene ceramic technology, known for its exceptional strength and flexibility, offering superior protection against scratches, UV rays and environmental pollutants.

### **Technical:**

Appearance – Black Translucent

Binder – Organic Silazane

Carrier – Low VOC

Thickness – ~1um nominal

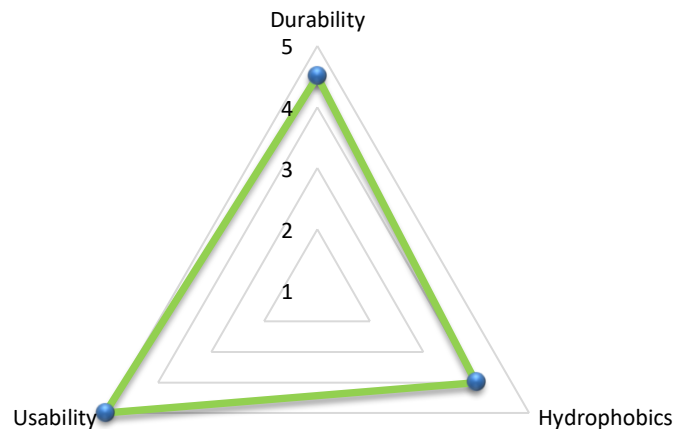
Contact Angle – N/A

Hardness – N/A

Multiple Coats – Can be layered

Useable – 4 Hours

Full Cure – 7 days after application



**Application & Maintenance – See Next Page**

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## Application Instructions

### General

- Products should be used in a well-ventilated area.
- Always refer to the Safety Data Sheet (SDS) and product label prior to use (SDS available on request).
- Wear appropriate PPE according to the information provided in the SDS, on the label and if you are still unsure please contact us via phone or email.
- Always store products in a cool, well-ventilated area keeping containers tightly closed.

### Important Points To Remember

#### **Surface Preparation**

For effective adhesion and therefore longevity, preparing the surface for the product is essential and using the graphene ceramic coating alone without proper preparation may lead to a short-lived final finish.

The product cross-links to the surfaces that it's applied to. Surface cleaning & degreasing is an essential part of the process to ensure that there is no contamination between the product and the surface to be protected.

It is also important the surface has been prepared to the highest standard prior to applying the coating as once applied, it will seal in the surface underneath.

#### **Application Environment**

Applied Outside – Yes

Temperature Range – 5°C – 35°C

Do not apply in direct sunlight

Do not apply in strong winds

Do not apply when raining

Curing prior to release to client – 2 hours

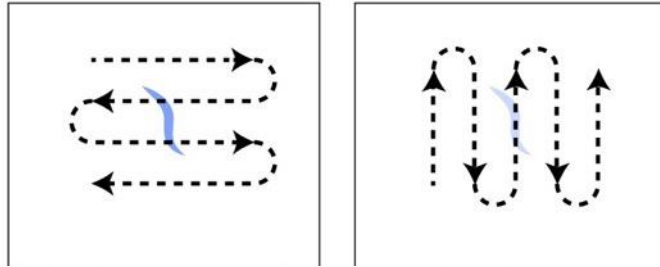
Full Curing – Up to 7 days

#### **Application Method**

Ensure the surface is clean, dry & degreased.

Dampen the application pad so that it is wet on approximately one third of the pad. The pad should be wet but not dripping.

Apply using the cross-hatch method (see diagram) going first side to side across the surface and then top to bottom to ensure an even spread of the GRAPHONIX EDGE over the area to be coated.



Allow the coating to sit for approximately 1 minute and then take a clean, dry, microfibre cloth and gently buff off any excess product from the surface. On faded trims you should notice a distinct change in appearance from faded to a more as new finish. Trims can be porous so re-apply another coat in the same way if you feel the surface requires it.

Re-coating can be carried out 30 minutes after the initial application.

### **Product Maintenance**

Once the coating has been applied, do not wash for the first 7 days.

Only use pH Neutral cleaners on the coated surface for regular weekly / 2 weekly washing. We recommend our pH Neutral Snow Foam & pH Neutral Shampoo. Always use a wash mitt and drying towel for contact washes. The 2-bucket wash method should be used where possible to reduce the risk of marring and scratches during the washing process.

Once every 3 months we recommend a deep clean wash utilising the following TCW products:

- High Alkaline Snow Foam
- Citrus Wash
- pH Neutral Snow Foam
- pH Neutral Shampoo
- Ceramic Detailer or Foam & Rinse

Apply the Citrus Wash to the vehicle first and then apply the High Alkaline Snow Foam over the top to allow plenty of dwell time. Ensure the products do not dry out and then rinse clean. Now carry out your usual wash methods as per the instructions above utilising the Shampoo & Snow Foam. Finish off by applying the Ceramic Detailer or Foam & Rinse product or alternatively you can apply Ceramic Spray every 6 months.

By following the above guidelines it will ensure the coating remains well looked after ensuring durability out of the protective coating. Proper maintenance will see results of 24+ months from the coating before re-application is required.