THE CERAMIC WAREHOUSE

TCW GRAPHONIX ACE TDS & APPLICATION GUIDE

Unveil the resilience and radiance of your vehicle with Graphonix Ace, a hybrid graphene ceramic coating crafted for those who seek perfection without permanence. Ideal for car aficionados and detailers who appreciate yearly renewal, Graphonix Ace provides a high-gloss shield with silk like slickness. Embrace a year of unbeatable shine and unparalleled protection for your vehicle's paint.

Achieve professional results without the hassle – Graphonix Ace is the epitome of user-friendly application.

Revel in the gleam with a coating designed to last a full cycle around the sun with this graphene infused innovation that incorporates the latest in coating technology, offering a formidable layer of protection that's easy to renew annually.

Technical:

Appearance – Black Translucent

Binder – Organic SiO2

Carrier – Water

Thickness – ~1um nominal

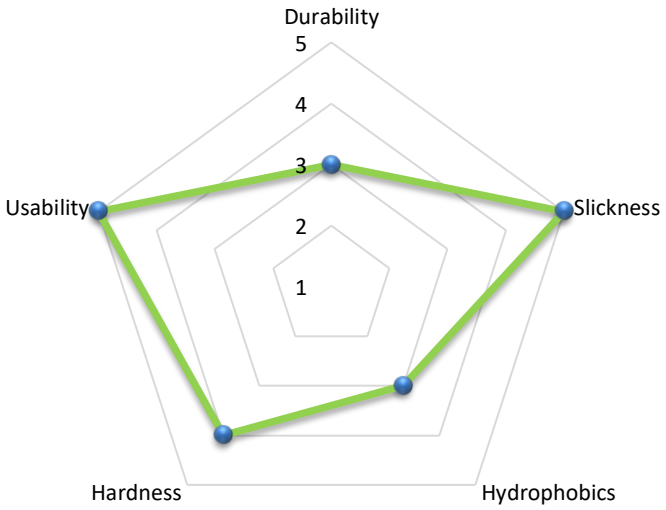
Contact Angle – 96°

Hardness – 9H (surface dependent)

Multiple Coats – Can be layered

Useable – 30 minutes

Full Cure – 24 hours after application



Application & Maintenance – See Next Page

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Application Instructions

General

- 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 so if marring, scratches etc are present it is highly recommended paint correction is carried out prior to the applying the coating to bring the surface to the desired finish first.

Application Environment

Applied outside – Yes
Temperature Range – 0°c – 35°c
Do not apply in direct sunlight where possible
Do not apply when raining
Curing prior to release to client – 30 mintues
Full Curing – 24 hours

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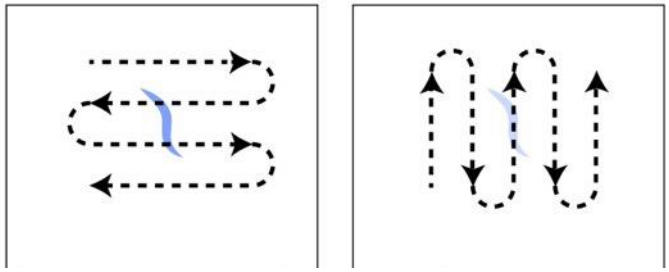
Application Method

Ensure the surface is clean, dry, degreased and to an acceptable appearance level (paint polishing / correction should be carried out where required).

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 ACE over the area to be coated.



Allow the coating to sit for no more than 30 seconds or work in for up to 30 seconds and then take a clean, dry, microfibre cloth and buff the excess product from the surface until you have a smear free finish.

The surface should be very slick to the touch if applied correctly compared to the uncoated surface.

TIP: A little goes a long way with this product so to ensure easy removal during the buffing stage ensure you don't over apply the product.

Product Maintenance

Once the coating has been applied, do not wash for the first 24-48 hours.

Only use pH Neutral cleaners on the coated surface, 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. At 6 months apply TCW Ceramic Spray over the coating for enhanced beading and shine.

If the coating is well maintained you will see up to 12 months of protection before re-application is required.

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