

# PWF CERAMIC COATING – FAQ

## **Which conditions are the most favourable for processing?**

A processing temperature of 5–25 °C. The ideal processing temperature is 18–22 °C. Direct sunlight should be avoided. Processing is possible at a humidity of 30–90 %.

## **How long is it durable?**

If not opened, the product can be stored for two years. An open bottle stays durable within a period of 6 to 12 months, depending on the conditions. The durability decreases depending on humidity and thermal influences. When using an open bottle, it should always be checked whether „crystals“ have formed. If that is the case, the product should no longer be used. Therefore, the bottle should be closed directly after every use.

## **How much coating is needed to seal a standard car?**

Normally, 20–25 ml are enough for a „standard vehicle“ (medium-sized car). The microfiber towels included in the set are also sufficient for this quantity.

## **Is there a measured contact angle of water drops after sealing with the coating?**

The contact angle is 108°

## **How good is the chemical resistance?**

The product has a very high chemical resistance. Environmental influences (e.g. acid rain) as well as cleaning compounds and care products with a pH value below 2 and over 11.5 reduce the durability of the coating and should be avoided.

## **How high is the heat / temperature resistance?**

Temperatur resistance up to 700 °C

## **Is the coating oil repellent (oleophobic)?**

The coating is oleophobic to only a limited extent.

## **Can the coating be used on matt lacquer and/or films?**

Yes. It will not substantially increase the gloss level. However, there is already a visual change regarding the color depth. This is why, we recommend to test the coating at a spot outside of the main visual field.

## **Is it possible to apply multiple layers of the product?**

It can be applied in multiple layers, but only wet-on-wet. This means that the second layer needs to be applied within a maximum of 20 minutes after the application of the first layer. Subsequent layering is not possible. Generally, we do not recommend layering since one layer only is already sufficient.

## **Are there any auxiliary products to accelerate the drying process?**

Yes, the drying process can be reduced to up to 30 minutes with an infrared heater at a temperature of approximately 80 °C. Thus, the coating resistance will be optimized and extended.

## **Why are there edges after a drying period of more than 5 minutes?**

The edges form because the Ceramic Coating has already settled against the non-applied surface. These edges cannot even be rubbed off with a microfiber towel. In this case, the edges need to be reactivated with the applicator and the CERAMIC COATING by applying it on the surface once again. Let it dry for a short period of time and wipe it off afterwards.

## **How durable / resistant is the coating?**

Up to 50,000 km or 24 months is a realistic service performance of the vehicle at which the characteristics of the coating are proven and realistic to be visible and remaining on the surface.

## **What is the guaranteed coating durability on a lacquer surface?**

In case of a proper application which has to be performed in accordance with the processing instructions and in consideration of the corresponding information on the pre-treatment of lacquer, the guaranteed coating durability is a time period of up to 24 months.