

Frequently Asked Questions

BC-08 - Neosillica Matrix Coating

1. Can I apply over recently repainted parts or fresh factory paint?

No. Most of Modesta's products contain solvents, which may interfere with the curing process of the paint. Modesta also forms a closed layer over the surface of the paint thus trapping gases in the fresh paint underneath - the paint will therefore not "degas". You should allow 4-6 weeks for aftermarket repainted parts and 6-8 weeks for factory painted parts to cure enough. This time may vary with different aftermarket refinishing systems and different car manufacturers. Please note that the delivery time of new vehicles may vary greatly in different regions and with different type of vehicles.

2. What can I use for degreasing and preparing the paint?

Isopropyl alcohol in 99%+ concentration (also called 2-propanol). It is not recommended to use other type of products as the last step prior to application. You may use different products - APC's, citrus degreasers, panel wipes and similar products in the preparation. They may perform good in cleaning, however they are no replacement for the last step degreasing prior to application. Always use alcohol for this step, otherwise you may encounter issues during application. If Isopropyl alcohol is not available, Ethylalcohol in 99%+ concentration may be used as a replacement. Use enough alcohol - you should use 500ml - 1000ml for the degreasing of an average vehicle.

3. Is infrared curing required?

No, it is not required, however it is highly recommended. The coating will only reach a limited durability if not cured by IR. This product does not indicate a minimum durability, therefore curing is optional, not mandatory. To maximize the durability always use IR curing. When curing with an infrared lamp, always make sure you are using a lamp with a short wave emitter.

4. Spots appeared after the infrared curing and they are not removable anymore, what shall I do?

This is a common issue not connected to Modesta. Under some circumstances, water spots (and other spots) can etch deep into the paint. If the vehicle is at the same time not heavily scratched, a light paint correction may remove the visible part of the spots, thus delivering a satisfying result for both detailer and customer. The core of the spots however is still present deeper in the paint, but stays invisible. During the IR curing process, the heat will cause the molecules of the paint to expand and the spots will surface. If you suspect there might be spots etched deeper in the paint, you may use the IR lamp to heat panels prior to coating application. If present, the spots will surface during this and will be easily removable. Water spot removers do not remove the core of the spots etched deep in the paint. Once a Modesta coating is applied and spots surface beneath, there is no way how to remove them without removing the coating itself.

5. How should I setup my infrared curing lamp to cure the coating properly?

The temperature and duration of the IR curing is described in the application instructions. The setup of the IR lamp depends on the model of the lamp you use and its features. You should read the manual that came with your lamp to find out what the exact setup should be. A good quality IR lamp will feature a sensor that measures the temperature the curing process creates on the paint directly rather than on the lamp (an infrared contact-less temperature sensor). Curing the coating with a lamp utilizing this technology is the safest.