

# Application instructions

## BC-08 - Neosilica Matrix Coating

Quick and easy to apply protective coating, suitable for all kinds of vehicles with limited durability expectations. Modesta's P-01A primer is recommended to be used to prepare the paint before application - using the primer will produce more "candy-like" gloss (see the P-01A instruction sheet for application info).

- 1. Prepare the surface by polishing**

Do not use compounds with masking abilities as these may negatively influence the bonding of the coating. If left on the paint they must be removed in step 2. The finish of the paint should always be perfect with no swirls and holograms left.
- 2. Thoroughly clean the surface**

Use a good quality paint cleaner or wash the vehicle using active foam or citrus cleaner. You may consider using a "poly cracker" or silicone remover in this step. Products that leave a residue on the paint surface are not suitable (for example products with an anti static effect).
- 3. Mask all rubber and plastic parts**

The product might negatively affect the appearance of rubber and unpainted plastic parts if it comes in contact with them. Clearcoated poly carbonate parts (for example headlights) will not be affected and can be treated with this product.
- 4. Thoroughly degrease the surface**

It is recommended to use alcohol without any additives (pure isopropyl alcohol in 99% concentration). This step is important as the product might not work as expected unless the surface is completely degreased. Panel wipe or silicone remover is not a replacement.
- 5. Apply the Modesta P-01A primer**

See the Modesta P-01A Primer application instructions to apply the primer correctly. Application of the primer makes the application of the coating easier and adds a better look to the final finish. You should always use the P-01A Primer unless working on a specific project.
- 6. Spread product on panel**

Work on one panel only. Work in criss cross or circular motions and overlap passes. You should use the whole bottle for one layer - divide it wisely. Do the large parts first, then move on to the smaller ones. This is the best way to judge how much you have left.
- 7. Wait for 3 minutes or less**

This time is calculated at 22 degrees Celsius. The curing might be faster with higher temperatures and higher environment moisture. If left too long the product might be cured too much to remove the excess.
- 8. Wipe with a clean microfiber**

Wipe with a clean dry microfiber until smooth and shiny. Pay great attention to remove all excess in the wipe. Once dried you will not be able to remove those anymore.
- 9. Cure with an infrared lamp**

[Please note: This step is optional for this product. Curing with an infrared lamp is still highly recommended to achieve best results!] Use it at a temperature of 50-60 °C for 10-15 minutes. The infrared drying process will add additional strength, resistance and durability to the layer. You should start as soon as possible after the application itself.
- 10. Leave to rest for at least 24 h**

Keep away from rain and dirt during this period. After this period wipe the car with a new dry microfiber towel. Apply Modesta M1 SHOT before the car leaves (see the Modesta M1 SHOT application instructions for correct application info).

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### Additional notes

Always ensure that surface is properly cleaned before application. Do not apply to surfaces contaminated with silicone, oil, polymers, teflon, wax and similar. Test on an inconspicuous place before applying. Never apply at windy or dusty place, in rain, direct sunlight or heat. Surface should have mild (room) temperature before application. Avoid working in too cold or too hot environments. Apply at well-ventilated place.

Do not apply on recently repainted parts. If you are using Modesta on a new car or a car that has been painted, make sure that the paint is properly cured before application. In some cases, the paint on new cars might still be fresh and not fully cured. If you are unsure about the curing stage of the paint then you should wait 4-8 weeks after the vehicle was handed over to you.

After opening the bottle use the whole volume as soon as possible. Once opened, the curing process inside the bottle is started and the product will spoil or even cure to a solid crystal within hours! Never use a bottle that has been open for more than 48 hours.

Do not combine with other products than those recommended. You may seriously damage your paintwork! Dangerous substances may be formed if combined with other than recommended products!

The product requires up to 3 weeks to gain its final strength and resistance. To protect the layer before it is fully cured we recommend to use the M1 SHOT quickdetailer style maintenance spray (see the M1 SHOT instructions for application info).

### Aftercare & maintenance

To ensure the longest possible durability and the optimal performance of Modesta's coatings you should always use the recommended products. Never use any harsh chemicals to maintain the vehicle unless absolutely needed.

Wash the car at least every two weeks and use Modesta's maintenance products after every wash to condition the coating (see their instructions for application info).

Use the M1 SHOT quickdetailer style maintenance spray (see the M1 SHOT instructions for application info) after every wash to ensure the beading and sheeting properties will last during the whole durability period of the layer itself.



#### **NOTE - Microfibers are not reusable**

Microfibers and applicators used with this product will become hardened as the product cures. They are not reusable!



#### **NOTE - Check the bottle**

Always check the quality of the bottle prior to application! The contents should be clear with no particles inside! A fine mist / sediment deposited on the bottom of the bottle is not an indication for a spoiled product. Such sediments are metal oxides. If you notice their presence, shake the bottle well before usage.