

Product Name: 3D Matrix Ultra

Description: Autotriz 3D Matrix Ultra is a highly durable organopolysilazane-based ceramic coating that protects the paintwork against environment elements. It is a state-of-the-art nano coating that showcases the latest advances in Polysilazanes. It is proven by scientists and nano technologist to be more competitive products compared to Polysiloxane based polymer resin, promising a peace-of-mind protection.



Coverage: 3D Matrix Ultra Coating is particularly suitable for car-painted surfaces, such as one (1K) or two-component (2K) paints (polyurethane or epoxy systems). The preferred use is for the exterior paint of cars, motorbikes, trucks, and buses. Per 50ML covers approximately 2 sedan cars.

Technical Data		General Data	
Shelf life	12 months	Product	3D Matrix Ultra
Appearance	Colorless	Category	Automotive Coating
Curing	Normal ambient	Volume	50ML (AT-V1U-50)
Base	Polysilazane	Application	Body Paint
Specified Gravity	0.95 g/cm ³	Coverage	50ML (5m ² - 6m ²)
Hazard	Non-Hazardous	Storage	5-35°C/41-95°F
Properties		Tools Needed	
<ul style="list-style-type: none"> • Permanent bond • >9H pencil hardness • Excellent protection • Easy-to-clean • Excellence adhesion • Outstanding weather resistance • Easy to apply • Cures at room temperature • Superior to Siloxane based coating 		<ul style="list-style-type: none"> • Applicator block (AT-AC-AB) • Microfiber Suede cloth (AT-AC-MS) • Lint-free microfiber towel (AT-AC-MC) 	

Guide: The product is for professional use and should be applied by approved applicators only. Test on a small area or apply a test coat before application.

Instruction: Shake well before use. Get ready with 3 pieces of brand new, lint-free microfiber towel. (It is recommended that new towels to be rinsed or washed with water prior to use to reduce the loosing lint). When first applying V1 3D Matrix Coating (Light) on substrate, it is recommended to condition the surface of the applicator block with 7-8 drops to prevent skipping or dry spots. It is recommended to do a 2 ft. x 4 ft. area or 4 ft. x 4 ft. at a time. Apply V1 3D Matrix Coating (Light) using normal pressure on applicator. Make sure the area is well covered. Always start from an edge to avoid excess on other panels. Work in controlled areas to remember where you previously applied. Work in horizontal or vertical movements repeatedly to ensure that product is penetrated through clear coat. Wait for 30 seconds to 1 minute (time is vary from different countries and different season depending on temperature or humidity, ask distributors for recommendation), use first towel to level the product. Go immediately over with second microfiber towel with polishing motion until the surface is free from residue. Follow by the third towel (this is called the "insurance towel") and go over the surface one extra time just to make sure you haven't miss any streaks or excess residue. When the whole car is applied, allow curing of coating to begin. Wait approximately 30-60 minutes before applying a second layer. For the ultimate in hydrophobic results and durability, it can be over-coated with AUTOTRIZ Top Coat 2.0.

Precaution: Ensure the substrate is free from contaminants prior to and during the application process. Keep coating away from all polish and compound dust during the curing process.

Process and Curing: The product must be applied at an ambient temperature of at least + 5°C and relative humidity of 30 % - 80 %. Avoid direct sunlight! Apply the coating in clean and dry conditions. Any mistakes can be rectified within approx. 10 min of application. Traces of water in the applicator should also be avoided. Applicators dampened with water should not be used. The applicators cannot be reused once the coating has been applied. 3D Matrix Ultra Coating is dry-to-touch after about one hour.