

Product Name: 3D Matrix Hybrid

Description: Autotriz 3D Matrix Hybrid combines two of the greatest discoveries in science- Graphene and Polysilazane, to enhance the performance of nano coating. When Graphene is infused within the molecular structure of Polysilazane, its bonding strength and durability is greatly enhanced.



Coverage: 3D Matrix Hybrid 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 Category	3D Matrix Hybrid Automotive Coating
Appearance	Pale Grey	Volume	50ML (AT-V1H-50)
Curing	Normal ambient	Application	Body Paint
Base	Polysilazane	Coverage	50ML (5m ² - 6m ²)
Specified Gravity	1.68 g/cm ³	Storage	5-35°C/41-95°F
Hazard	Non-Hazardous		
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 3D Matrix Hybrid Coating on substrate, it is recommended to condition the surface of the applicator block with 7-8 drops to prevent skipping or dry spots. Do not work on large area at a time. It is recommended to do a 2 ft. x 2 ft. area at a time. Apply 3D Matrix Hybrid Coating 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 to ensure that product is carried through consistently. Wait for 1-2 minutes. 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 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. Curing times depend on temperature and humidity. Applying the product too early will dissolve the previous 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 Hybrid Coating is dry-to-touch after about one hour.