



**FEEL THE DIFFERENCE
WITH NANO COATINGS**

A Complete Protection

VETRO SOL NANO PROTECTIVE COATINGS

VETRO SOL Presents Wide range of Nano Protective Coatings for Automotive Industry for long lasting protection against UV Rays, Oxidization, Scratches, Dirt, Graffiti, and Corrosion Etc Natural Elements and make surface Easy to clean. This Coating also maintains Gloss, Slickness, and Hydrophobic Effect.

VETRO SOL Nano coatings are a unique ceramic molecular compound formula (Nano-ceramics), form transparent, very stable silicone layers, thus making them an ideal basis for multifunctional coating systems Bond Very Strong on surface for long lasting protection. VETRO SOL CERAMIC COATINGS forms durable coating that protects the paint and retains a high gloss for Long Period of time to give you new car feel. Surface Coated with Nano coating will be smooth and Slick and high gloss. Such a surface offers no place for dirt to stick on Surface. if any dirt on the surface , a simple swipe with a clean microfiber cloth brings the car back to its radiant finish.

What is Nano Coating

Nano Coating or Nano Sealing is the Result of an application Where Nano Structure Build a consistent Network of molecules on a surface. This coating is made of Silicon Dioxide .Silica is the name given to a group of minerals composed of silicone and oxygen, the two most abundant elements in the earth's crust. It is composed of one atom of silicon and two atoms of oxygen resulting in the chemical formula SiO_2 . So it can be said that this is most natural coating structure that protect your valuable investments and products from environment corrosion , UV rays, Oxidization, tarnishing , chemical like acid , alkali , bird drop , tree gums, Acid rain , Graffiti Etc Endless Protection properties.

(Before Application of Coating proper preparation of surface is most important factor for durability and performance of coating.)

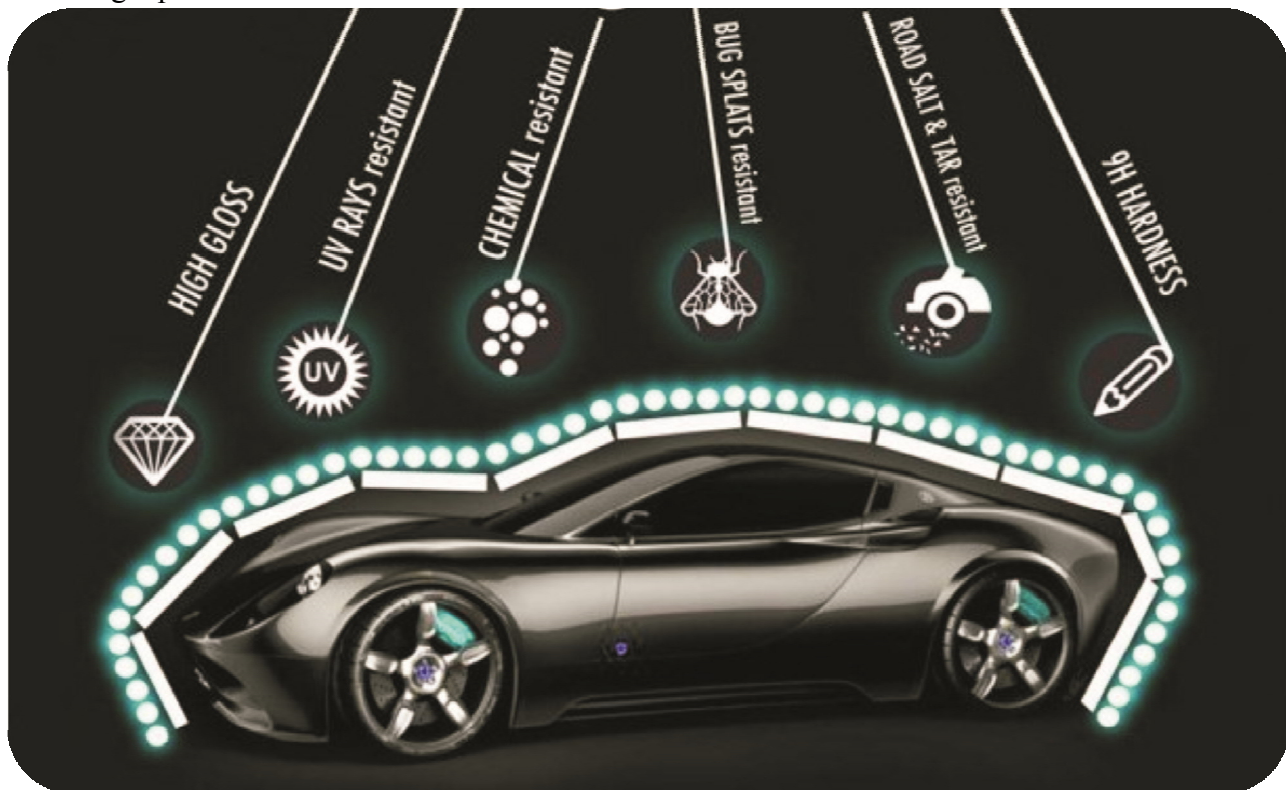
Advantages of Nano Coating :-

- Permanent coating - permanent protection
- Easy-to-clean surface enabled
- Anti-graffiti & Non stock Coating
- Thermal resistance up to 600°C
- Excellent resistance of weathering
- UV resistance
- Oxidation and corrosion resistance
- Outstanding durability
- Non-flammable after cured
- Room temperature curing

How Nano Coating Works

In microscopic view surface is porous and rough. This makes it water loving or hydrophilic surface as Liquid drop spreading on a rough porous surface. Vetro Sol Nano coating is a type of silicon dioxide that is Pure Glass. The glass that you find in windows is not pure glass that is a mixture of various minerals. The molecules of silicon dioxide will fill the gap and pore of this rough surface and make it smooth. The covalent bonding of silicon dioxide on surface will last for long time.

Covalent Bond: A covalent bond means that the coating shares the electrons within the surface itself, thus Becoming a part of the surface.



Product Details

Product Name	Diamond Shield	Crystal Shield	10 H Super Hard coating	Graphene Coating	Cera Glare
Feathers					
Durability	7 Years	4 Years	5 Years	5 Years	2 Years
Hardness	9 H	9 H	10 H	9 H / 10 H Both Available	9 H
Thickness	Up to 10 Micorn	Up to 8 Micorn	Up To 7 Micorn	Up To 8 Micorn	Up to 5 Micorn
Gloss	High	High	Medium	High	Medium
Hydrophoc Effect	High	High	Medium	High	High
Wiping Time	20 to 30 Seconds	20 to 30 Seconds	30 to 40 Seconds	20 to 30 seconds	1 Minut
Drying Time	24 to 48 Hours	24 to 48 Hours	24 to 48 Hours	24 to 48 Hours	24 to 48 Hours
Gape Between 2 Layer	1 Hour	1 Hour	1 Hour	1 Hour	1 Hour

Product Name	Cera Shield	Vetro Shield	Ceramic Nano Coating for Plastic and leather	Black Hybrid Ceramic Nano coating	Reload Coating	Nano Shine
Feathers						
Durability	1 Year	1 Year	1 Year	1 Year	1 Year	8 to 10 Washing Cycle
Hardness	9 H	Not Applicable	9 H	9 H	9 H	Not Applicable
Thickness	Up to 3 Micron	10 to 20 Nano Meter	Up To 3 Micron	Up To 3 Micron	Up to 3 Micron	Up to 3 Micron
Gloss	Medium	Not Applicable	Medium	Not Applicable	Medium	High
Hydrophobic Effect	Medium	High	Medium	Medium	Medium	High
Wiping Time	20 to 30 Seconds	10 to 15 Minutes	Not Applicable	Not Applicable	1 Minute	1 to 2 Minutes
Drying Time	24 to 48 Hours	12 Hour	24 to 48 Hours	24 to 48 Hours	24 to 48 Hours	Not Applicable
Gape Between 2 Layer	1 Hour	Not Required	Not Required	Not Required	1 Hour	Not Applicable

Product Name	Ceramic For Matt Surface	Ceramic For PPF and Wrap
Feathers		
Durability	1 Year	2 Year
Hardness	9 H	9 H
Thickness	Up to 3 Micron	Up to 3 Micron
Gloss	Not Appliable	High
Hydrophobic Effect	Medium	High
Wiping Time	20 to 30 Seconds	up to 1 Minutes
Drying Time	24 to 48 Hours	24 to 48 Hours
Gap Between 2 Layer	1 Hour	1 Hour

Main Ingredient	Silicon Dioxide
Hardness	9H Hardness
Durability	2 Years to 7 Years
Coating Thickness	3 to 10 Microns
Gloss	Excellent High Gloss Effect
PH Tolerance	2-12
Hydrophobic	Excellent Hydrophobic Effect 110 Degree Contact Angle
Heat Resistance	Up to 600 Degree Celsius
Application Method	Hand Apply By Using Application Pad
Drying	Room Temperature Drying
IR Lamp	Use IR Lamp for Fast Dry Touch Dry
Coating Removal	Only from Painted surface With Sandpaper sanding
Pack Size	50 ml Bottle With Dropper and 1 Ltr Aluminum Bottle

Note :-

Curing parameters depend on the respective coating application process, Temperature. The coatings are fully effective after additional 5 - 7 days curing at room temperature.

Application Process:-

- Proper Detailing, cleaning of Surface is Must before Application of Coating.
- Always Use Microfiber Cloth For Proper cleaning , Buffing of Coating .
- Don't Drive the car for At least 48 Hour. And Don't wash for At least 7 days.
- No Need Any hard shampoo or chemical for cleaning after the coating done. Just clean with normal water and Microfiber cloth to maintain clean, super glossy, Hydrophobic Effect and it will look like new Car.

Coverage: -

In general practice with 50 ml coating is sufficient for 3 layer in mid size sedan and 2 layer on Big SUV car.

Storage :-

- Store in Dry area and temperature Under 30 Degree Celsius.
- Shelf Life – 6 month in an unopened condition.
- Container cap close properly after using material to avoid any reaction of material with air and Temperature.

Safety Precaution:-

- Fresh air and exhaust are required in the work area.
- Wear butyl-rubber gloves and other skin protection to avoid contact.
- Chemical safety goggles or splash shields are required.