



www.auto-triz.com



fb.com/autotrizmy



instagram.com/autotriz





 **Made in Germany**

AUTOTRIZ™

Innovative Surface Creation

Since 18th Century, Germany has been advanced in creating an extensive of chemicals, coatings and bonding materials engineered to exceed the world's highest standards of quality.

Today, we are proud to introduce the world's most innovative surface protection materials called "AUTOTRIZ", which is 100% formulated in Germany for the most demanding applications whether in automotive, marine, building or industrial.

AUTOTRIZ is specifically developed by one of the most advanced laboratory in Germany. Consistent research and development in nanotechnology ensures AUTOTRIZ always remain as the leader of the industries.

With AUTOTRIZ, you can be assured of the best quality that no one can beat!



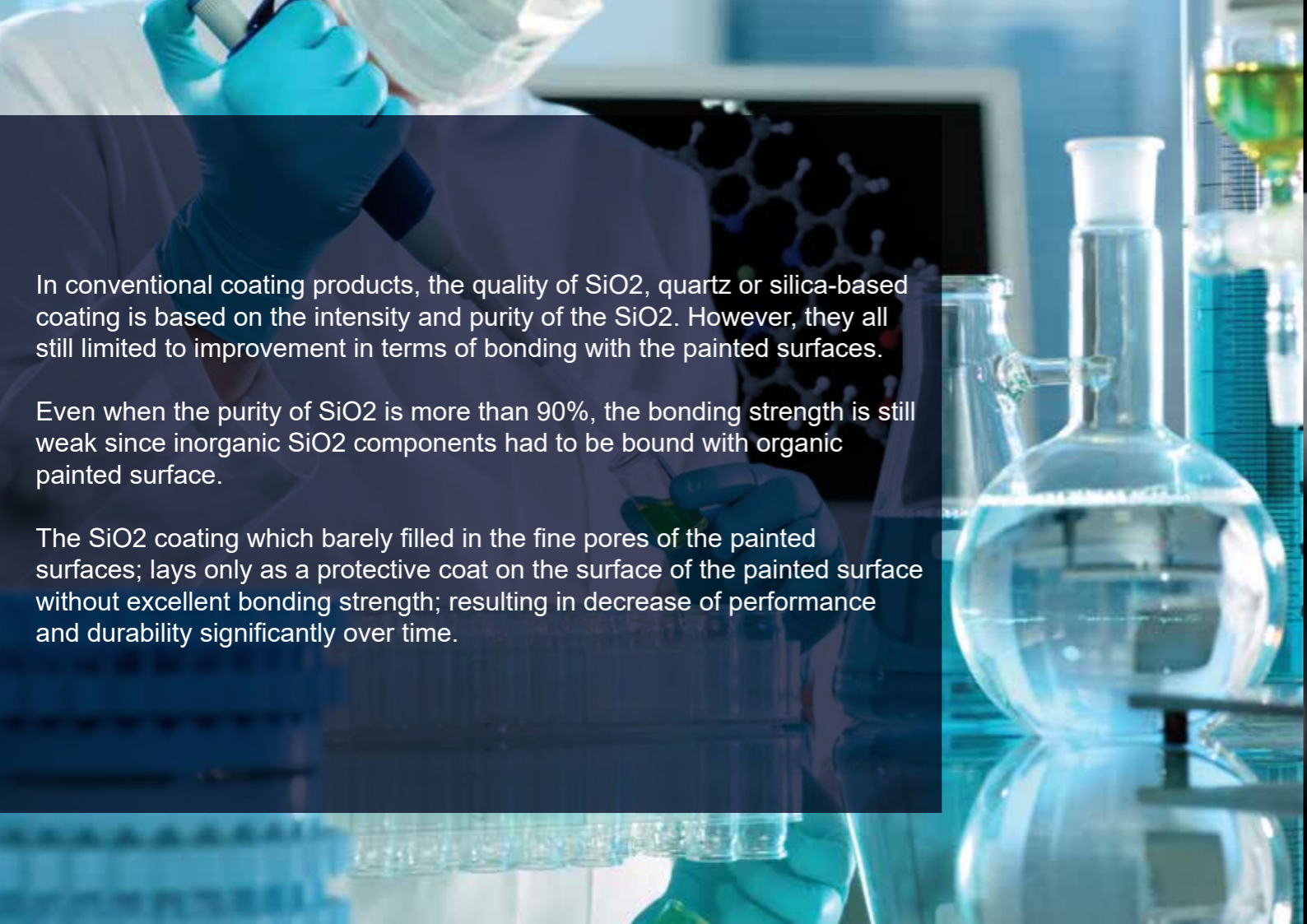
Founded in 1866, TÜV SÜD is the world's leading technical certification organization providing testing, inspection and verification for industrial

AUTOTRIZ is the World's No.1 Nano Ceramic Coating Officially Tested, Inspected and Certified by TÜV SÜD

This is a CERTAINTY of the highest standard of quality!



www.auto-triz.com/certification



In conventional coating products, the quality of SiO₂, quartz or silica-based coating is based on the intensity and purity of the SiO₂. However, they all still limited to improvement in terms of bonding with the painted surfaces.

Even when the purity of SiO₂ is more than 90%, the bonding strength is still weak since inorganic SiO₂ components had to be bound with organic painted surface.

The SiO₂ coating which barely filled in the fine pores of the painted surfaces; lays only as a protective coat on the surface of the painted surface without excellent bonding strength; resulting in decrease of performance and durability significantly over time.

2010 Glass Coating

A technologically advanced liquid glass coating that uses chemical terms like “Silica”, “Siloxane”, “Quartz”, “Crystal” or “Mohs”. It improves the paint hardness by 4H-7H by creating an additional hard layer of coating.

Although the benefits of “Glass” Coating are numerous, but its efficiency and performance will decrease over time while continuous maintenance are required to keep the effects.

VS

2015 3D Matrix Coating

Finally, the strong and long-lasting protection is BORN! 3D Matrix Nano Structure Coating forms a permanent bond to the paintwork ensuring long-term durability, hence also providing amazing depth of glossiness & reflections.

It has the highest hardness which exceeds 9H compared to other conventional coatings and the highest thickness as the 3D matrix structure can be coated in multiple layers with no cracking nor peeling.

	Base	Thickness	Hardness	Durability	Water Contact Angle	Chemical Resistance	Glossiness
Conventional Coating	SiO ₂	<5 micron	<7H	1-3 Years	<110°	☆☆	☆☆☆
3D Matrix Coating	Nano Ceramic	>5 micron	>9H	5-10 Years	>115°	★★★★★	★★★★★

V1

3D Matrix Coating



The “Unbeatable” Coating

A revolutionary coating that utilizes three-dimensional (3D) matrix nano structure technology to produce extreme clarity, amazing reflections and gloss on the paint.

The permanent barrier which exceeds 9H hardness offers excellent resistance against scratches, chemicals and temperature. It provides strong water-repellent properties that protect the paint surface from oxidation, discolouration, dirt, acid rain, salts and UV rays.

- High Gloss
- High Water Repelling Efficiency (super hydrophobic)
- High Durability
- High Thickness (5-7 microns)
- Scratch Resistance (exceeds 9H hardness)
- Chemical Resistant
- Heat Resistance (up to 300°C)
- Weather Resistance

AUTOTRIZ[™]
Innovative Surface Creation

Hybrid Coating

The latest formulation that combines the Pure Glass coatings and highest quality Nano Titanium. It's blend of inorganic materials creates a hard protective barrier with hydrophobic properties to protect the paint surface from dirt, acid, UV rays and scratches for up to three years.

-High purity

-Inorganic materials

-Self-cleaning effect

-Strong durability

-Up to 4 microns of thickness

-7H pencil hardness

-Chemical resistant

AUTOTRIZ[™]
Innovative Surface Creation

V2

Hybrid Coating



V3

Plastic Coating



Plastic Coating

A special transparent protective layer that protects plastic and trim parts. Offers excellent resistance against water, weather and temperature. Helps to eliminate the risk of scratches. Does not crack, bubble, flake, peel, delaminate, detach or discolor at temperatures up to 700°C



Wheel Coating

The toughest protective barrier which bonds strongly on metal, chrome, or aluminum wheels. It has extreme heat resistance and contaminants resistance to efficiently repel brake dust, road grime and dirt. Helps keep wheels outshine others with easy cleaning. Delivers an unmatched durability for 12 months.



AUTOTRIZ[™]
Innovative Surface Creation

V4

Wheel Coating

V5

Glass Coating



Glass Coating

New nano technology fluorine-based surface protection. Provides extreme durability and super water repellency to allow water flowing off windscreen at speed as low as 60km/h. Effectively provides exceptional optical clarity by cutting glare at night and improves driver's safety during rain. Once application lasts up to 18 months.



AUTOTRIZ[™]
Innovative Surface Creation

Leather Coating

A non-greasy nano coating that is formulated by the most advanced acrylic latex emulsion with an extra ultra violet barrier. Protects against permanent staining from food and drinks. Preserves the natural feel and appearance of premium leather conditions.



V6

Leather Coating

AUTOTRIZ
Innovative Surface Creation

V7

Fabric Coating



Fabric Coating

Eco friendly and VOC compliant resin based formula. Protects against permanent stains from spills of food and drinks. Solid soils can be vacuumed away or wiped off with a gentle cleaning solution. Retains the natural feel, texture, appearance and breathability of fabrics.

