

What is GIOS COAT?

# GIOS COAT

GIOS is organic-inorganic hybrid coatings based on silica conversion ingredient.

This product forms Si-O combination by dehydration and a die-alcohol reaction, to form an anti fouling coating film which is high hardness.

This product shows an excellent effect in "the weather resistance" "anti fouling" "close adherence" "chemical resistance" "abrasion resistant" "heat-resistance" and achieves the barrier performance of the best class by mineral matter.

## Features

POINT①

Single humeral type with stiffened at a room temperature

POINT②

Subtle aqueous ability coating

POINT③

Inorganic VOC free

POINT④

Based on silica conversion ingredient

POINT⑤

Super weatherproof ability coating

POINT⑥

8-9H super-high hardness specification



The supreme glass coating  
developed for  
the executive car



# GIOS COAT

sio<sup>2</sup> Nano Glass System

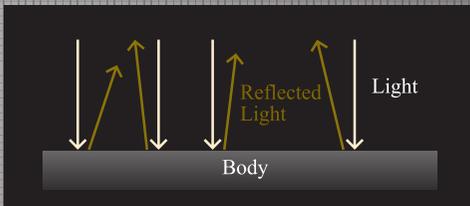
Cather Chemical Co., Ltd.

[www.catherchemical.com](http://www.catherchemical.com)

## The supreme glass coating developed for the executive car

Si-O bonding with nanotechnology makes an uniform surface film and 99% of transitivity. Furthermore, it creates a excellent shine by reflection angle which becomes straight.

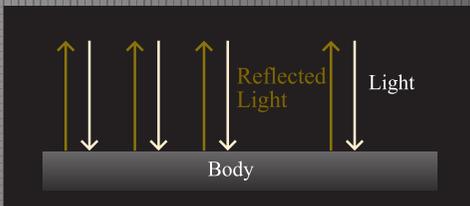
General Glass Coating



A reflection of the light reflects diffusely, and the luster with the depth is not provided. Brightness is gone by surface deterioration.

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A deeper blaze is achieved by reflection's of light responding to a straight line. It keeps maintaining a passage blaze long by super-weathering resistance.

## Products Line-Up

### GIOS COAT

sio<sup>2</sup> Nano Glass System

#### GIOS COAT (NAVY)

<b>Use</b>	<ul style="list-style-type: none"> <li>● Vehicle body painted part</li> <li>● Aluminum wheel</li> <li>● Metal part</li> <li>● Resin, wrapping and plastics component (It's possible to matte.)</li> </ul>
<b>Specifications</b>	Hardness :8H Weather resistance: More than 10 years (expectation value) The abrasion resistant performance
<b>Features</b>	High performance glass coat to be used for almighty Standard type specified for body protection

## It keeps out brakes dust



Many of European vehicles makes its brake performance, its brake pads have some flexibility. It enables brake performance in a high level even high speed driving conditions.

However a brake dust flies in a air and sticks to the aluminum wheel in a second under 200 centigrade hot state. It is same to heat painting theory, eventually beauty of aluminum wheel loses.

GIOS COAT endures hotness by 350 centigrade hot state and a strong film of hardness 8H doesn't allow a break dust. A brake dust can be dropped easily, and they're the only high-performance coatings which can keep the beautiful appearance of the wheel.

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#### GIOS COAT (RED)

<b>Use</b>	<ul style="list-style-type: none"> <li>● Vehicle body painted part</li> <li>● Clear</li> </ul>
<b>Specifications</b>	Hardness :9H Weather resistance: More than 10 years (expectation value) Antifouling performance
<b>Features</b>	The special film it does not make any fingerprint stand out. It is high specifications coat agent dedicated for vehicle body

## Metal protection



Film coated from GIOS COAT attains perfect water proof, does not allow rust by seawater on the beneath part of the vehicle.

Also, that film is effective for protection of the deterioration with resin, plastic part by ultra-violet ray.