

# OSGC Coat

Onsight Co.,Ltd.

## Onsight product development



### TEBU TOUCH

Ordinary gloves become touch panel compatible

Effect lasts from 2 days to 3 days



### AQUMO CANDLE

Light turns on with 1 CC of water and moisture

Lit more than 2 days at a time  
Can be used repeatedly. 2 weeks or more



### MUSHISARABAI

Pest repellent

Effects on a wide range of insect pests including cockroaches, mosquitoes.

Very safe with natural ingredients.

The biggest feature. Suppress egg hatching.

For indoor use. Keeping it for about 100 days Effect lasts

# Onsight product development



OS Primer UF

Painting adhesive

Adhere the paint tightly without polishing,sanding  
It closely adheres to various materials such as aluminum, stainless steel, glass and polypropylene.

Spray, brush, roller painting method is OK anything.



OS Bath Coat

Bathtub,Bathroom,Kitchen For Around the water  
Business hotel bathroom, low cost renewal than to exchange.



OSGC Coat

# Onsight product development Construction

After



Before



Before

After



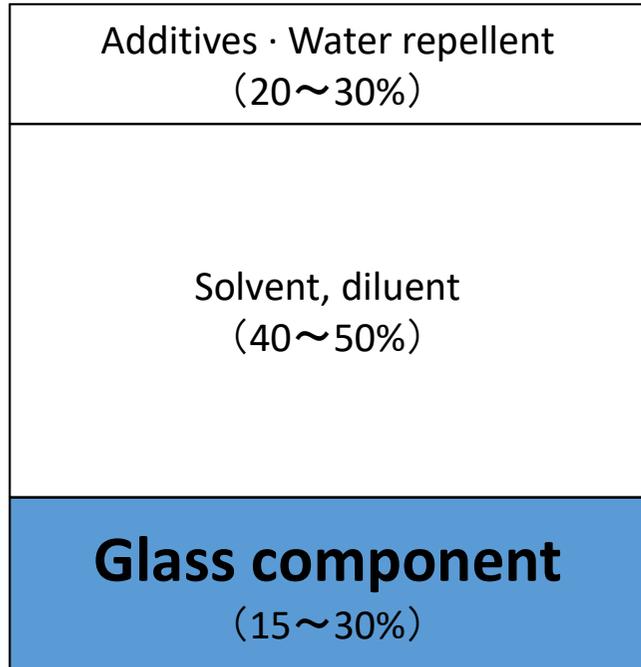
Painting bathroom specialty.

Troubles of painting are likely to occur around water.  
We have not had trouble for five years.

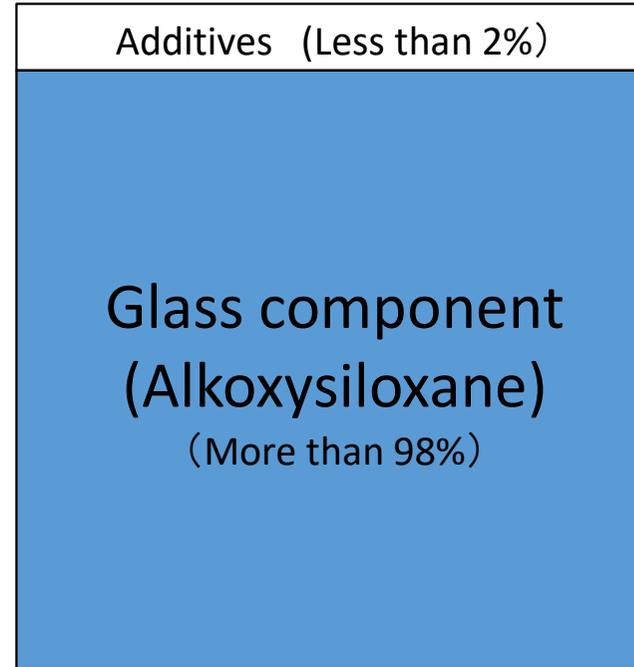
Compared to the cost of exchange, 20% ~ 50%.

## What is OSGC Coat

Other company's products in Japan



OSGC Coat series



OSGCcoat with ultraviolet absorber has different ratio.

## What is OSGC Coat

### OSGC 1000

Glass component 98% or more

Endurance years 5 years - over 15 years

Heatproof temperature 1000 °C or more

Maximum hardness 9H

Easy to work with one solution. Good preservation.

Conforms to Food Sanitation Law

Other OSGC series is a bit different

Can be used for any material

example :

Metal, nonferrous metals, glass, paint film, resin (PP, PE etc), stone, wood, concrete, leather, paper, film

## What is OSGC Coat

OSGC Coat can be customized according to purpose and use.

Can be designed for various purposes such as water repellency, oil repellency, chemical resistance, rust prevention, antibacterial, ultraviolet ray, infrared ray.

Pursuit of workability, drying time, film thickness, spray, rollers etc can be customized. Even 1 kg can be made.

(For products that are expensive for some raw materials, it may not be the case.)

In the same way there may be high concentration of coating agent.

However, there are no manufacturers that can customize, even small quantities.

In Japan, major companies are considering adoption as industrial coating agents.

ONSIGHT is a very small company. However, there is a request for development from a major company because other companies can not deal with it.

## OSGC Coat series

	<b>OSGC1000</b>	<b>OSGC2000</b>	<b>OSGC5000</b>
Hardness	6H - 9H	2H - 5H	F - H
Film thickness(μ)			
wipe	Less than 0.1	Less than 0.2	Less than 0.2
Spray, roller	Less than 10 microns	Less than 20 microns	Less than 20 microns
Heatproof temperature	1000 °C or more	800°C	No data
Durability	7- 15 over year	5 over year	5 over year
Touch drying *1	20 - 60 min	20 - 30 min	20 - 30 min
Characteristic	Long lasting, excellent in strength. Water repellency is a little weak.	Water repellent, oil repellent balanced type	Excellent in water repellency and oil repellency. It can be applied to the film thickness. The rust preventive effect is high.

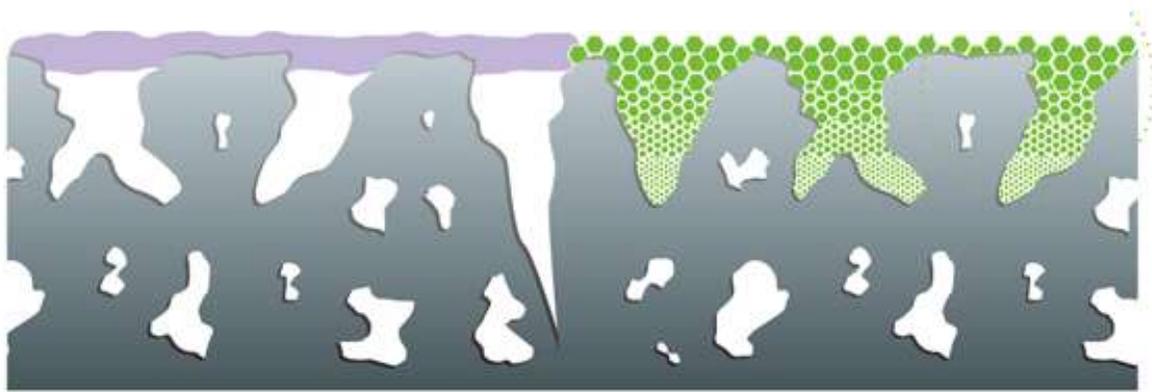
\*1 Variation according to painting method, film thickness, temperature, humidity

## OSGC Coat 4000 series

Wood	For wood parts Antifouling effect · Water absorption prevention	Oiliness
Inrock	An aqueous product containing an antifungal agent	water base
RC	Water absorption inhibitor for RC,Plaster, diatomaceous earth	Oiliness
Basic	Good workability for granite	Oiliness
Hatsu	Limestone · tuff rock	Oiliness
Togai	Sandstone · tuff rock Products for frost damage / sandstone	Oiliness
Rust coa	Stone material in general: Improve oil repellent effect	Oiliness
Blue	Stone material in general: used as a primary treatment to prevent wet color phenomenon of stone	water base
Wet	Stone in general: Products that maintain the wet color of stone	Oiliness
Marble	Basic product with the highest water absorption prevention effect	Oiliness

## OSGC4000 series

Fine particles penetrate into the material.  
Can not change texture, can breathe  
So when OSGC4000 coating, the material lasts longer.



Coating type water repellent

OSGC4000 (Penetration type)

## OSGC Coat 4000 series

Material	Usage per 1 square meter	Material	Usage per 1 square meter
Granite mirror surface	0.06~0.1L	Newly built RC	0.1~0.14L
Granite burner finish	0.08~0.13L	Renewal RC	0.13~0.2L
Limestone	0.14~0.2L	Plaster, diatomaceous earth	0.1~0.14L
terracotta	0.14~0.2L	Porcelain tile joint	0.06~0.13L
Indian sandstone	0.14~0.2L	Wood	
Bianco Carrara	0.08~0.11L	Travertine	0.08~0.11L



Granite burner



Limestone



Bianco Carrara

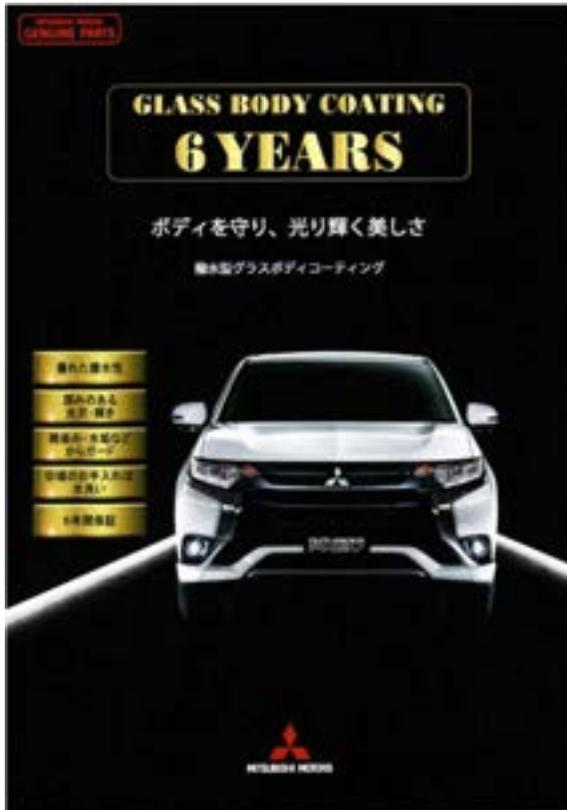


Travertine



Plaster

## OSGC Coat Performance (auto mobile)



OSGC 1000 is Genuine products of Mitsubishi Motors Corporation. It is registered as a coating agent for new cars.

(Product name is 6YEARS)

## Example of use (automobile)



Bug dirt, bird droppings, dirt such as brake dust can be washed off with water.

Good workability. Wipe immediately after applying the coating agent.

Storage stability. It can be saved for over 1 year in a place not exposed to sunlight.

Lacquer spray can also be removed with tape.

It has passed 18 months after becoming genuine. Problem, trouble has not occurred.

## Example of use (Protection and restoration of plastic)

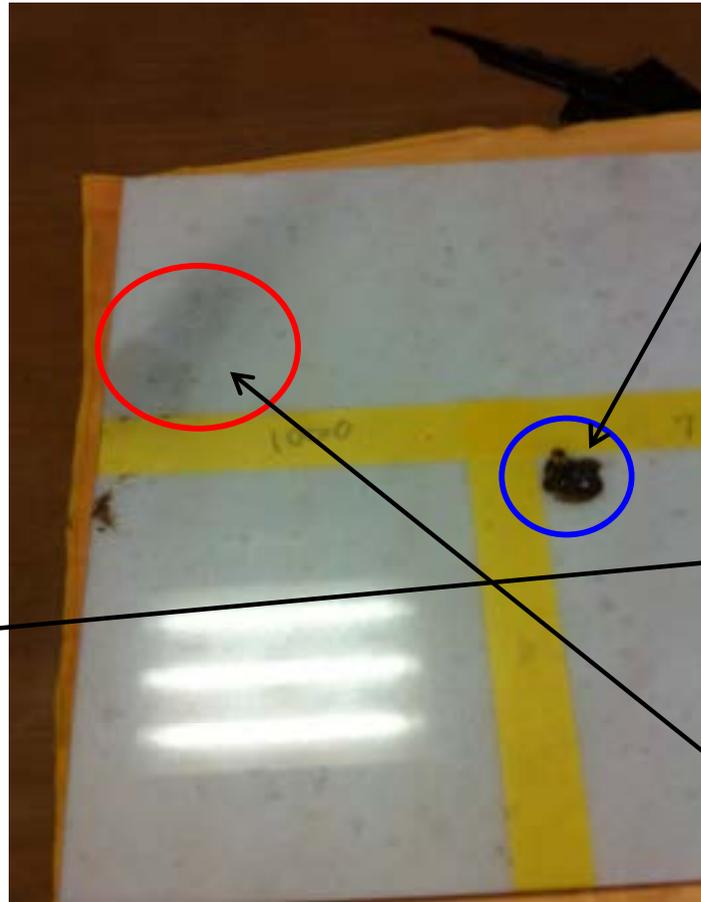


Restore plastics degraded by sunburn

Coating with new condition will prevent deterioration.  
Even without adding UV absorber there is an effect.



## OSGC Coat Performance (Antifouling effect)



1. Hair dyeing stock solution,  
left for 1 hour

2. Wipe off with tissue paper.  
The dirt is falling.

3. Not coating, dirt penetrates

Hair dyeing is very penetrating. OSGC 1000 is very strong antifouling power.

## Example of use (Rust prevention)

Spray calcium chloride on steel



A : blank

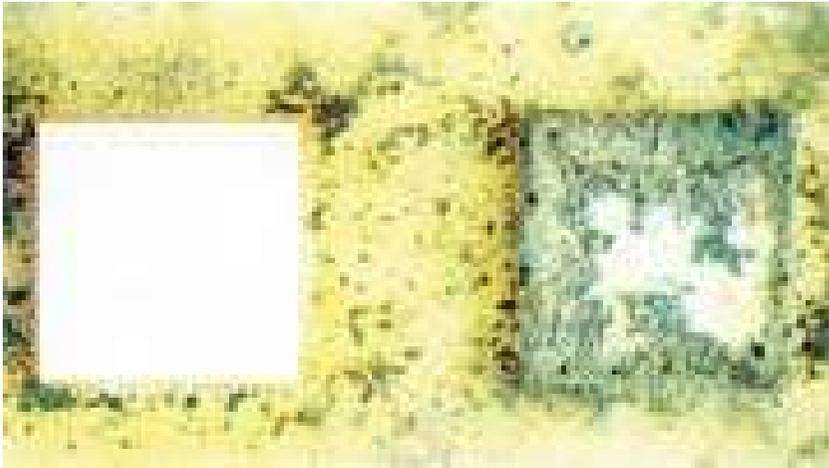
B : OSGC5000 (spray applied)

One day after the application of the coating agent,  
Spray calcium chloride once every 48 hours

Photo in the lower left : One day passed

Photos in the top : One month passed

## OSGC Coat Performance (antibacterial)



Include moisture in bread and leave for 2 weeks  
Left side: Bacillus is not breeding in bread

Antimicrobial effect of indoor wallpaper, anti-algae effect of outer wall



## OSGC Coat Performance (Barnacle adhesion prevention)

### OSGC1000+Antibacterial effect



Apply OSGC coat + antibacterial agent on one side of acrylic board (left photo)

Right photo is not applied anything.

Photos taken 108 days after entering the sea. The antibacterial effect is also effective for viruses and algae.

On the ship's bottom, fishing nets, drains, fishing ports etc.

## Example of use (sea)



When barnacles adhere, ocean current is bad, weight increases, fuel consumption is bad, and speed becomes slow.

Removing the barnacle, painting cost is great.  
OSGC Coat is effective in less than 5% of the paint.  
Easy to paint, easy maintenance, weight will also be light.

Fishing net also has effect.



## Example of use (Bathtub)

Bathtub



Drop the dirt on the bathtub (UC-H, UC-SH cleaner : Water stain, scales, oil remover)

OSGC coat applied with cloth

Effects to make dirt prevention, maintenance easier

At the hotel, saving of water bills, reduction of detergent fee, time saving

## Example of use (toilet)



Dirty cleaning water, adhesion of urine stones  
Adopted in toilet of subway station in Hokkaido.  
More than 100 coatings were tested and rated No. 1

## Example of use ()



Acid rain, aged deterioration, suppress mold adhesion.

The station staircase can be cut little by little if there are many people.  
It is used as a reinforcing material for concrete.

Cow's and Pigs' saliva, manure, It easily deteriorates concrete.  
OSGC coat is a product developed for reinforced concrete.

## Example of use



OSGC Coat can be used for stainless steel, aluminum, plating, film and anything. Adhesion of fingerprints is reduced, and wiping is easy. Suppress material deterioration and maintains gloss.

## Example of use (Food factory)



OSGC Coat can be used for tanks and facilities of food factories.  
It complies with the Japanese Food Sanitation Law.

Applying on the inside of the tank has a mold release effect. It will be easy to clean.

## Example of use



OSGC4000 RC

## Example of use



OSGC4000 Marble

Example of use ()



Example of use ()

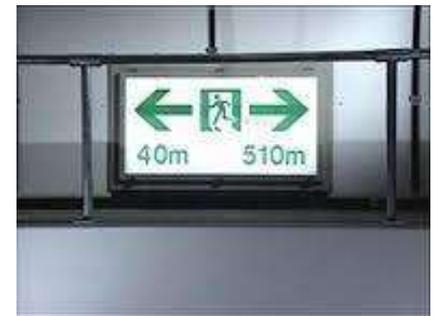


Example of use ()



Drop the wooden dirt.  
OSGC 4000 Inrock.  
Purpose of controlling bacterial growth.

# Example of use ()



Drop

Example of use ()



It is said that bacteria will not breed, absorbing moisture, but it actually happens.