

AUTO CHEMICAL



PROFESSIONAL PAMPHLET

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[Award & Patent](#)

We pursue to develop new products using new technology



Main office / Laboratory



Laboratory



Laboratory



Exposure test

Vol.4 pamphlet is finally out now. There are 32 new products.
Please refer the followings;

Meaning of the words listed

- ① New: new products
Renewal: renewal and upgraded
- ② Product Name: Product Name
- ③ Features: Product features
- ④ Product Image: Product image of the actual looking
- ⑤ Volume • Product Code: Product code by each volume
- ⑥ Usage: how to use products
- ⑦ Recommended polisher: It shows the mark of which polisher is compatible with each products
- ⑧ Product information: Product details about consumption on medium sized car.

① New

② One Step Compound Scratch Filler Type

③ Product features

④ Product image

⑤ Volume • Product Code

⑥ Usage

⑦ Recommended polisher

⑧ Product information

New material compound that contains durable resins and fine abrasives. Resins can fill swirl marks. Silica contained compound can enhance the bonding effect of glass coatings.

<example>

① Before
Heavy swirl marks after rotary polisher.

② Polishing
Long Wool Polishing Pad on dual action polisher.

③ Wiping off
Wipe off with clean Microfiber.

④ Finish
Right side of the bonnet is polished and filled by compounds and resins.

Volume	Product code
500ml	G 23050
1L	G 23100
2L	G 23100

Specification	Water based-non silicone	Function	cutting-finishing	Grade	super fine

Meaning of the mark



Recommended to apply by hand



Recommended to apply by gear action polisher



Recommended to apply by rotary polisher



Recommended to apply by dual action polisher

*The mark explains the motion of each polisher machine.

Glass Coating

New

High Tech X1 Diamond Coat

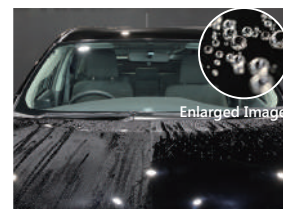
Product features	Super long lasting
	Super hydrophobic durable layer

4 nano-sized diamond particles enable to achieve maximum paint protection for 7 years. Supreme gloss and super hydrophobic effect.

*If you apply 1 layer of High Tech X1 Body Coat 8500 first and High Tech X1 Diamond Coat on top, it will be even more durable and hydrophobic.

<example>

*Please refer to P39 for maintenance products.



volume	product code
50ml	A 06005
1 carton (50ml x 12bottles)	A 06125

1 Before

Polished out well before coating. Make sure there are no dusts or grease.

2 Apply

Apply coating evenly with a Special Applicator Sponge or Special Applicator Cloth.

3 Wipe off

Use 3 clean microfiber cloths and wipe off completely without leaving unwiped spots.

4 Finish

4 days later, super water beading that water drops slide off the body.

<Product information>

number of layers	1 layer	consumption	1 car/50ml	active ingredients	85%	durability	7 years
------------------	---------	-------------	------------	--------------------	-----	------------	---------

High Tech X1 Body Coat - 8500

Product features	Can be layered
	22 years long seller

Recommended to apply 8500 for the most glossy finish. Long lasting more than 5 years.

* If you apply 1 layer of High Tech X1 Body Coat 8500 first and High Tech X1 Diamond Coat on top, it will be even more durable and hydrophobic.

<example>

*Please refer to P39 for maintenance products.



1 Before

Polished out well before coating. Make sure there are no dusts or grease.

2 Apply

Apply coating evenly with a Special Applicator Sponge or Special Applicator Cloth.

3 Wipe off

Use 3 clean microfiber cloths and wipe off completely without leaving unwiped spots.

4 Finish

Apply 2nd layer 2 hours later.

volume	product code
200ml	A 01020

<Product information>

number of layers	2 layers	consumption	2 cars/200ml	active ingredients	85%	durability	5 years
------------------	----------	-------------	--------------	--------------------	-----	------------	---------

High Tech X1 Eco Coat - 7000

Product features	Non flammable
	VOC free

Non-flammable liquid and low solvent. Super durable for more than 3 years.

<example>

*Please refer to P39 for maintenance products.



1 Before

Polished out well before coating. Make sure there are no dusts or grease.

2 Apply

Apply coating evenly with a Special Applicator Sponge or Special Applicator Cloth.

3 Wipe off

Use 3 clean microfiber cloths and wipe off completely without leaving unwiped spots.

4 Finish

4 days later, super water beading that water drops slide off the body.

volume	product code
200ml	A 03020

<Product information>

number of layers	1 layer	consumption	4 cars/200ml	active ingredients	70%	durability	3 years
------------------	---------	-------------	--------------	--------------------	-----	------------	---------

New

High Tech X1 Quick Cure Coat

Product features	Newly developed
	120 minutes to dry and full cure

It forms anti-solvent glass layer only 2 hours later from application of coating.
It can speed up your work.



<example>

*Please refer to P39 for maintenance products.

**① Before**

Polished out well before coating. Make sure there are no dusts or grease.
Apply coating evenly with a Special Applicator Sponge or Special Applicator Cloth.

② Wipe off

Use 3 clean microfiber cloths and wipe off completely without leaving unwiped spots.

③ Finish

Right side of the bonnet is coated and gloss is obviously deeper than left side.

④ Dry

Layer is dried in 30 minutes and you can drive the vehicle. 120 minutes later, layer is hardened completely and even the solvent can not remove.

volume	product code
200ml	A 07020

<Product information>

number of layers	1 layer	consumption	4 cars/200ml	active ingredients	70%	durability	3 years
------------------	---------	-------------	--------------	--------------------	-----	------------	---------

High Tech X1 Body Coat - 5000

Product features	Quick detailing
	Reasonable price

Long lasting more than 3 years. Quick detailing.



<example>

*Please refer to P39 for maintenance products.

**① Before**

Polished out well before coating. Make sure there are no dusts or grease.

② Apply

Apply coating evenly with a Special Applicator Sponge or Special Applicator Cloth.

③ Wipe off

Use 3 clean microfiber cloths and wipe off completely without leaving unwiped spots.

④ Finish

Apply 2nd layer 2 hours later.

volume	product code
200ml	A 02020

<Product information>

number of layers	2 layers	consumption	2 cars/200ml	active ingredients	50%	durability	3 years
------------------	----------	-------------	--------------	--------------------	-----	------------	---------

New

High Tech X1 Eco Coat - 4500

Product features	Quick detailing
	VOC free
	Reasonable price

Light version of High Tech X1 Eco Coat - 7000.
Easy to apply coating. 2 years long lasting.



<example>

*Please refer to P39 for maintenance products.

**① Before**

Polished out well before coating. Make sure there are no dusts or grease.

② Apply

Apply coating evenly with a Special Applicator Sponge or Special Applicator Cloth.

③ Wipe off

Use 3 clean microfiber cloths and wipe off completely without leaving unwiped spots.

④ Finish

4 days later, surface becomes super water beading that water drops slide off the body.

volume	product code
200ml	A 04020

<Product information>

number of layers	1 layer	consumption	4 cars/200ml	active ingredients	45%	durability	2 years
------------------	---------	-------------	--------------	--------------------	-----	------------	---------

Glass Coating

New

High Tech X1 High Speed Coat

Product features	Easy to apply
	Quick detailing

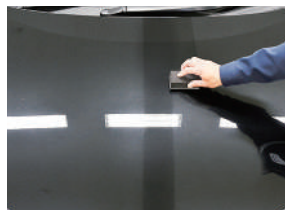
Expedite your work.

Gloss and hydrophobic effect is as good as original High Tech X1 series.



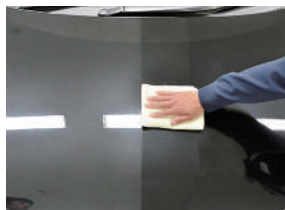
<example>

*Please refer to P39 for maintenance products.



1 Apply

Apply evenly with a special applicator sponge.



2 Wipe off

Use 1 - 2 Microfiber Cloths and wipe off the liquid without leaving unwiped spots.



3 Finish

Right side look much darker comparing to the left side.



4 Application Time

Only takes less than 3 minutes to complete bonnet.

volume	product code
200ml	A 08020

<Product information>

number of layers	1 layer	consumption	4 cars/200ml	active ingredients	25%	durability	2 years
------------------	---------	-------------	--------------	--------------------	-----	------------	---------

New

High Tech X1 SILICA Coat

Product features	Scratch filler coating
	Speed up your work

Only 1 glass coat that can fill the scratches in High Tech X1 series.

3 different Nano particles are dispersed and they fill fine scratches for long time.



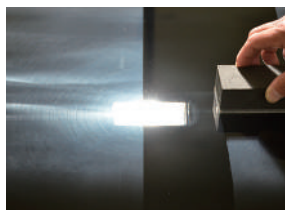
<example>

*Please refer to P39 for maintenance products.



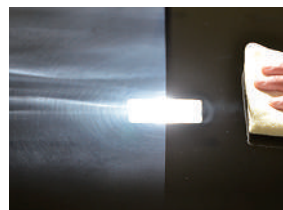
1 Before

Fine scratches and swirls are appeared.



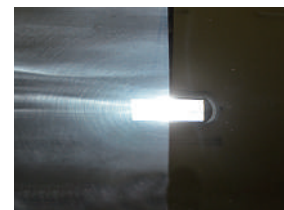
2 Application

Apply evenly with a special applicator sponge.



3 Wipe off

Use 3 microfiber cloths and wipe off the liquid without leaving unwiped spots.



4 Finish

Most of swirls are filled with SILICA COAT.

volume	product code
50ml	A 09005

<Product information>

number of layers	1 layer	consumption	1 car/50ml	active ingredients	90%	durability	5 years
------------------	---------	-------------	------------	--------------------	-----	------------	---------

New

High Tech X1 Plastic Restoration

Product features	Durable glass resin
------------------	---------------------

It revives the original gloss and shine of faded resin parts. New formula enable to form durable and flexible layer.



<example>



1 Front fender

Just apply to the faded resin parts and original gloss is back.



2 Side fender

It sticks strong to the resin parts.



3 Rear fender

Just apply to the faded resin parts and original gloss is back.



4 Side step

It can fill fine scratches and protect stains.

volume	product code
200ml	A 10020

<Product information>

number of layers	1 layer	active ingredients	50%	durability	3 years
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*Wipe off immediately after application before it dries. (Glass coat layer will still remain even after wiping off.)

*Keep away from water contact for 2 hours after application.

Performance Test of High Tech X1 Diamond Coat

Performance Test 1: Stain Resistance

(List 1) Term of test plate

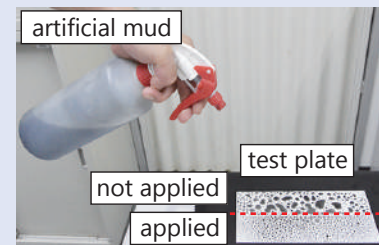
Material	Car Paint (color: white / size:100 × 200 × 0.8 mm)
Preparation	Paint final polish
Number of layers	High Tech X1 Diamond Coat is applied on the right side.
Dry term	Dry in Room temperature (20°C) Humidity (55%)

(List 1) Right side of the test panel is applied High Tech X1 Diamond Coat.

<Test method>

(1) Spray and dry

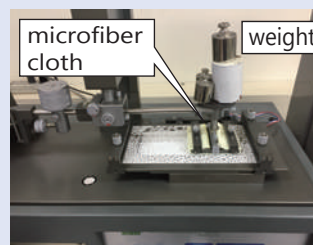
Sprayed artificial muds and dried it well. (80°C, 30 min)
*artificial mud (mixture of carbon, red mud and water)



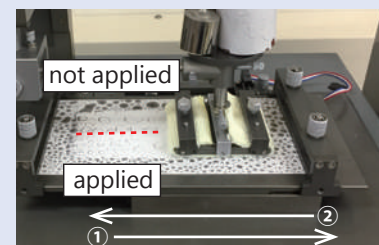
Picture ① (Spray)

(2) Wipe off

Wipe off with a microfiber cloth set in the friction test machine in order to make it even. (Picture ②, Picture ③)



Picture ② (Friction Machine)

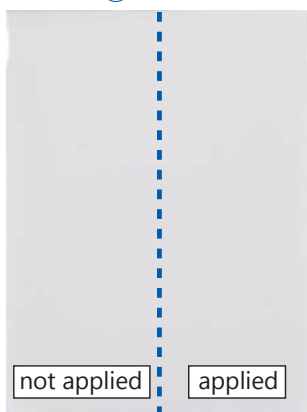


Picture ③ (Wipe up both ways)

(Tested at Hiroshima City Institute of Industrial Technology, 16th June 2017)

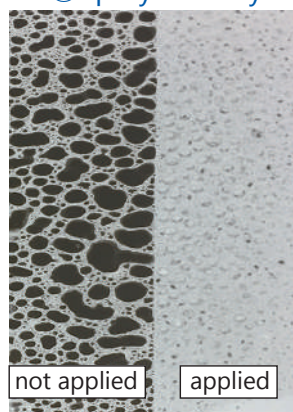
<Test result>

① Before



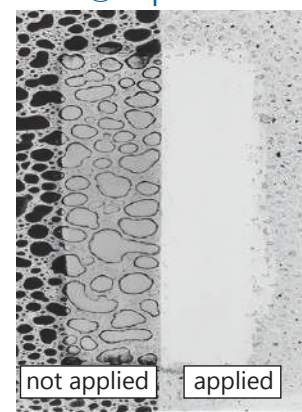
High Tech X1 Diamond Coat is applied on the right side.

② Spray and dry



Many stains and water marks are adhered on the left side. Diamond coat repels water so there are much less water stains. (Picture ①)

③ Wipe off




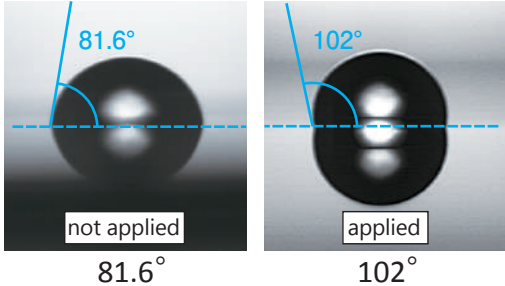
Right side is easy to wipe off the water marks but the left side is difficult to wipe off the stains. (Picture ②, ③)

Performance Test 2: Basic Performance

(List 2) Term of Test Plate

Material	Car paint plate(color: black / size:150 × 75 × 0.8 mm)
Preparation	Paint final polish
Application method	High Tech X1 Diamond Coat is applied on the right side.
Dry term	Dry in Room temperature (20℃) Humidity (55%) for 7 days.

(List 3) Basic performance

Test topic	Glossiness	Contact angle
Standard	JIS k5600-4-7(60℃ glossiness)	Measured by contact angle meter
Performance result		

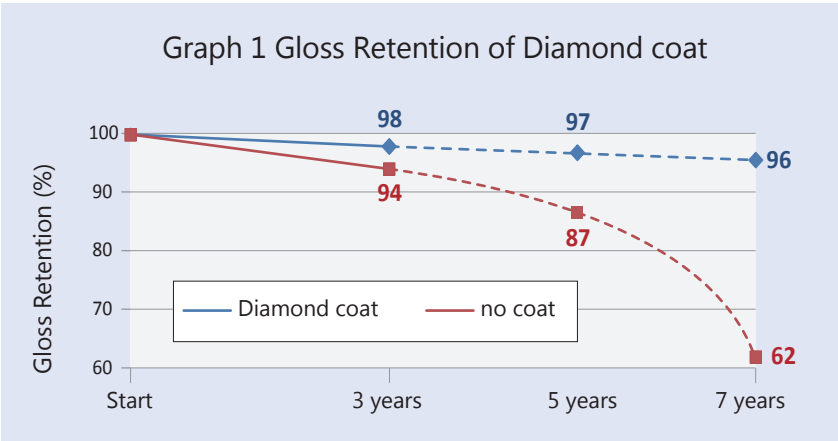
(Tested at Hiroshima City Institute of Industrial Technology, 18th May 2017)

As result, High Tech X1 Diamond Coat gives better glossiness and hydrophobicity. (List 2, 3)

Performance Test 3: Accelerated Weathering Test

<Xenon Weather Meter>

Xenon Weather Meter can artificially reproduce outdoor deterioration factors such as sunlight, temperature and humidity. It exposes materials to these factors and accelerates the deterioration process to predict their lifespan in a relatively short period of time.



(Tested at Hiroshima City Institute of Industrial Technology, 8th July 2017)

Gloss Retention of Diamond Coat and unapplied paint remains nearly the same before 3 years but it will be predicted to have bigger differences later due to the deterioration of unapplied paint.

New

Water Mark Resistant Spray

Product
features

Water mark resistant coat for
the glass coat layer.

Water mark resistant spray will protect from water marks by forming sacrificial layer. Easy to wipe off water marks on the glass coat layer.



<example>



1 Spray

Spray on to microfiber cloth after application of glass coat.



2 Apply

Wipe in gently to the paint surface.



3 Wipe away

Wipe away with a dry microfiber cloth.



4 Finish

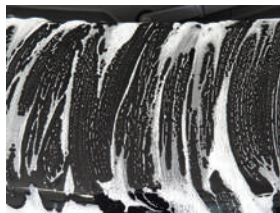
Sacrificial layer is over the glass coat.

<example>



5 Rained

After rain, water marks are only on top of sacrificial layer.



6 Dried

Use pH neutral shampoo to wash car.



7 Wipe off

It can easily wipe off the water marks because of the Water Mark Resistant Layer.



8 Finish

Water Marks are gone and glass coat layer looks still clean.

volume	product code
300ml	B 06030
500ml	B 06050
4L	B 06400

Recommend to apply to the glass coat layer (P4~P6) regularly to prevent water marks.

<Product information>

consumption	5 cars/300ml	active ingredients	3%	durability	30 days
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New

R-800

Product
features

Super glossy and
hydrophobic finish

Maximum water beading Never-Seen-Before.

Water drops will slide off the paint. Evolutional next-generation water based coating.



<example>



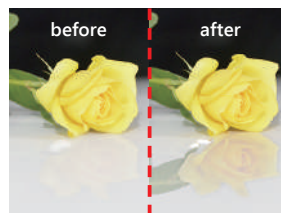
1 Spray

Apply R-800 on a dry cloth.



2 Apply

Wipe off carefully with a dry cloth.



3 Finish

After 30 minutes of drying time, paint surface look super glossy you have never experienced before.



4 Hydrophobic

Also form strong hydrophobic layer.

volume	product code
300ml	B 05030
500ml	B 05050
4L	B 05400

<Product information>

consumption	5 cars/300ml	active ingredients	8%	durability	180 days
-------------	--------------	--------------------	----	------------	----------

Water Based Coating

Si-700

Product features
Glossy and super slick finish

Super slick finish even the cat fall off without nail scratches.
180 days long lasting with deep gloss and hydrophobic finish.



<example>



1 Spray

Spray Si-700 on Microfiber cloth.



2 Apply

Apply evenly 2 - 3 times.



3 Wipe off

Wipe off with dry microfiber cloth without leaving any streaks.



4 Finish

Coating layer dries in 30 minutes.

volume	product code
300ml	B 01030
500ml	B 01050
4L	B 01400

<Product information>

consumption	5 cars/300ml	active ingredients	7%	durability	180 days
-------------	--------------	--------------------	----	------------	----------

SiF Hybrid 3000

Product features
Can apply to the wet surface
Super durable fluorocarbon layer

It can form of glass coat layer and fluorocarbon layer applied by hands when car body is wet.

Water repellency and gloss will last 1 year.



<example>



1 Before

Paint is faded and there is no gloss.



2 Apply

Apply SiF Hybrid 3000 on microfiber cloth.



3 Wipe off

Wipe off with dry microfiber cloth without leaving any streaks.



4 Finish

Coating layer dries in 30 minutes.

volume	product code
200ml	B 02020
500ml	B 02050
4L	B 02400

<Product information>

consumption	6 cars/200ml	active ingredients	12%	durability	1 year
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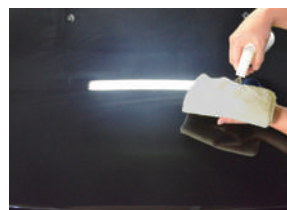
Water Barrier

Product features
Instant water beading

Droplets on the body will fly off at the speed of 50 kilometers per hour.
Please experience this super water repellency.

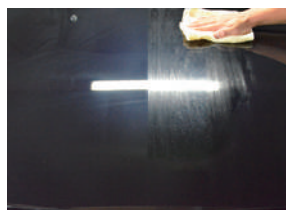


<example>



1 Spray

Spray Water Barrier on Microfiber cloth.



2 Apply

Apply evenly 2 - 3 times.



3 Wipe off

Wipe off with dry microfiber cloth without leaving any streaks.



4 Finish

Coating layer dries in 30 minutes.

volume	product code
300ml	B 03030
500ml	B 03050
4L	B 03400

<Product information>

consumption	5 cars/300ml	active ingredients	7%	durability	90 days
-------------	--------------	--------------------	----	------------	---------

New

WIPING FREE

Product features	No need to wipe off
	For all surface

No need to wipe off coating. Car paint, windows, plastic resins and interior parts can be coated super quick. It also gives slick finish on the surface.

<example>



1 Spray and wipe

Spray directly to the car body and wipe in with microfiber cloth.

2 Spray and wipe

Side mirror and turn signals also can be applied.

3 Spray and wipe

Tail lamps and metal parts also can be applied.

4 Spray and wipe

Grease and stains on the window can be wipe off easily.

5 Spray and wipe

Dashboard and panels can be applied too.

*Do not spray directly to the interior electric parts and steering.

volume	product code
300ml	C 17030
500ml	C 17050
4L	C 17400

<Product information>

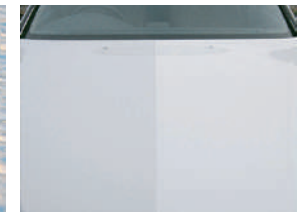
consumption	5 cars/300ml	active ingredients	resin	durability	60 days
-------------	--------------	--------------------	-------	------------	---------

Super Body Guard

Product features	Can apply to the wet surface
	Quick coating

Easy application. Just spray and wipe when car body is wet. It leaves gloss and hydrophobic finish.

<example>



1 Spray

Spray Super Body Guard on Microfiber cloth.

2 Apply

Apply evenly 2 - 3 times and wipe off without leaving any streaks.

3 Finish

Coated surface is super water repellent.

4 1 month later

Right side of the bonnet is still clean comparing to the uncoated surface.

volume	product code
500ml	C 01050
2L	C 01200
4L	C 01400
18L	C 01718

<Product information>

consumption	10 cars/500ml	active ingredients	resin	durability	90 days
-------------	---------------	--------------------	-------	------------	---------

Super Water Repellent Spray

Product features	Quick detailing
	Just spray and rinse water

Just spray on the car body and rinse away with water. Super quick detailing.

*Recommend to apply Strong Stain Remover Shampoo for white/black in advance if there are stains.

<example>



1 Spray

Pour water well and spray directly to the wet surface.

2 Sprinkle water

Sprinkle water well to the sprayed surface.

3 Sprinkle water

First it is hydrophilic but it will be super water repellent as you keep sprinkling water.

4 Finish

Paint surface becomes super water repellent.
*Wipe off water droplets before dry out.



volume	product code
1L	C 02100
4L	C 02400
18L	C 02718

<Product information>

consumption	10 cars/1L	active ingredients	resin	durability	60 days
-------------	------------	--------------------	-------	------------	---------

Glass Coating
Water Based Coating
Scratch Filler · Remover Coating
Wash · Pretreatment
Compound
Window
Headlamp · Plastic Resin
Tire · Wheel
Interior
Material
Set

Scratch Filler · Remover Coating

New

Swirl Filler Coating



Product features	Scratch filler
	Durable resin



Just wipe in and wipe off. It can quickly fills the scratches and swirls with deep gloss finish. Gives better finish if you use dual action polisher with finish sponge buffing pad.

<example>



	volume	product code
○	300ml (spray)	C 16030
○	300ml (cap)	C 16031
	500ml (spray)	C 16050
	500ml (cap)	C 16051
	4L	C 16400
	18L	C 16718

- 1 Swirls**
There are many swirl marks after polishing with medium compounds on wool pad by rotary polisher.
- 2 Spray**
Spray coating on a microfiber cloth after fold 2 times.
- 3 Wipe in and Wipe off**
Wipe off the coatings right after applied coating.
- 4 Finished**
Left side of the bonnet is filled with coating and looks glossy.

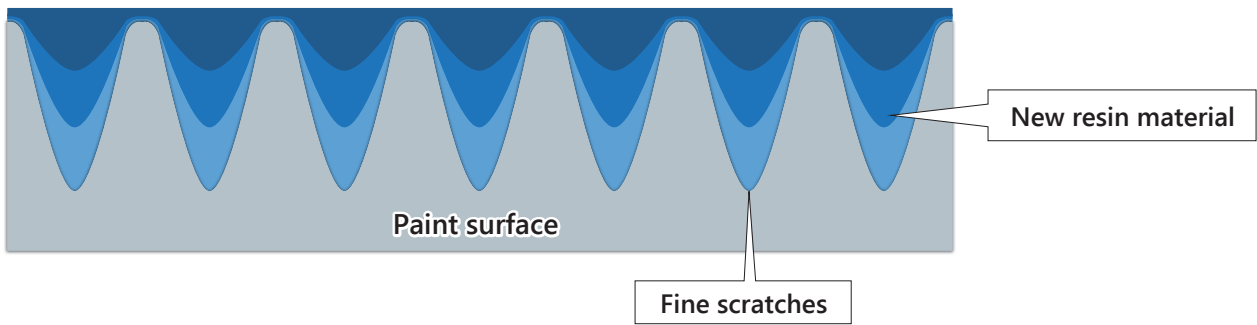
*Do not apply coating on whole area at once. Make sure to apply and wipe off each area in order.

<Product information>

consumption	5 cars/300ml	durability	180 days
-------------	--------------	------------	----------

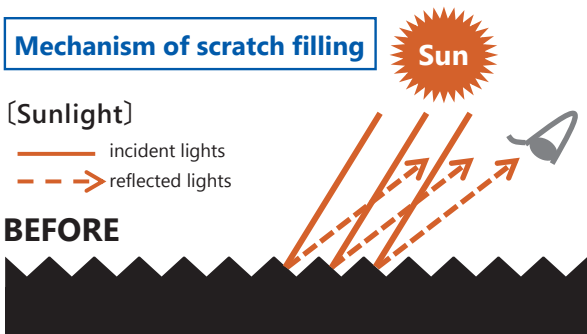
What is Swirl Filler Coating ??

Swirl Filler Coating can get into the scratches and strongly stick to the paint for long time. It can't be washed off by normal car washing.



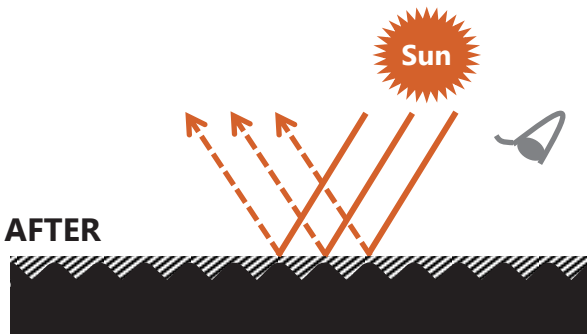
What is Scratch Filler · Remover Coating ?? (SR-1000 · Swirl Remover · Fluorocarbon Polymer Coating)

Mixture of compounds and filler resin can remove scratches quickly with glossy finish.



Scratches on the paint

Sunlight is reflected by the scratches and appeared to be seen. Original gloss is lost and faded.



Scratches are filled with filler coating

Durable resin fills the scratches leaving higher gloss and the sunlight will not be reflected by the edge.

Scratch Filler • Remover Coating

New

High Speed Coat SR-1000



Product features

Scratch filler and light polish

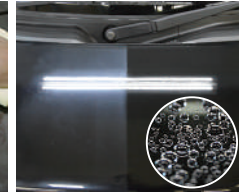
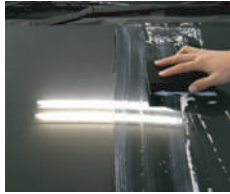
Easy and Quick! Just apply after washing car and wipe off. You can remove stains and it leaves extra gloss and water repellency. (Can be applied either by hands or polisher machine)



<example>Black color

<example>White color

<example>Light color



Water-repellent

① Wipe in

Put SR-1000 on a handy buffing sponge and scrub and coating with a dry well with remaining water microfiber cloth. after washing car.

② Wipe off

③ Wipe off

You can remove the stains that couldn't be removed by normal car washing. It looks glossy as well.

④ Wipe off

After application, you can see good water beading.

⑤ Finish

Right side is filled with High Speed Coat SR-1000.

*Wipe up water droplets first if you use polisher machine.

<Product information>

consumption	5 cars/300ml	durability	90 days
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Swirl Remover



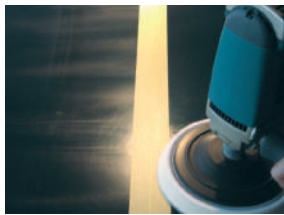
Product features

Swirl remover
Scratch filler and light polish

Fluorocarbon layer keeps mirror finish surface for 1 year even you wash or degrease. You can apply either by polisher or hands.

Minimized silicone content.

<example>



① By polisher

Apply Swirl Remover on sponge buffing pad and polish each 50cm².

② By hands

Apply Swirl Remover on Handy Buffing Sponge and scrub well few times.

③ Wipe off

Wipe off immediately after applied each panels.

④ Finish

Swirl on the right side has been removed.

*Do not use near the painting booth.

<Product information>

consumption	8 cars/500ml	durability	1 year
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Fluorocarbon Polymer Coating



Product features

Professional polymer coating
Scratch filler

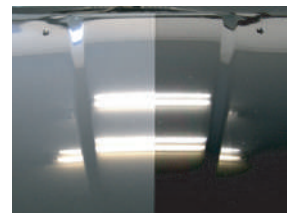
You can remove small scratches and stains with ease. The fluorocarbon special resins last more than 1 year.



aerosol

cap

<example 1>



<example 2>



① By polisher

Apply Fluorocarbon Polymer on sponge buffing pad and polish each 50cm².

② Finish

Swirl on the right side has been removed.

③ By hands

Apply Fluorocarbon Polymer on Handy Buffing Sponge and scrub well few times.

④ Finish

Swirl on the right side has been removed.

*Do not apply coating on whole car at once. Make sure to apply and wipe off each area in order.

<Product information>

consumption	8 cars/500ml	durability	1 year
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Renewal

Super Hydrophilic Shampoo

Product features

No water marks remain after washing car

Just wash like normal car shampoo and the surface become super hydrophilic. Water sheeting effect will not let water drops remain on the car body.

<example>



<Just rinsed away with water and dried>

volume	product code
500ml	E 06050
4L	E 06400
18L	E 06718

1 Spray

Rinse water to remove dusts first. Spray shampoo to the washing sponge and scrub gently with bubbles.

2 Rinse away

Rinse bubbles away with a plenty of water.

3 Finish

Right side of the bonnet is completely hydrophilic and its water-sheeting.

4 Dry

After dry the car body without wiping. No water marks on the right side of the bonnet.

*Hydrophilic effect can be weakened by high pressure washer machine.

<Product information>

consumption	5 cars/500ml	liquid pH	neutral
-------------	--------------	-----------	---------

Creamy Shampoo

Product features

Super bubbly shampoo

Super bubbly car shampoo easy to rinse off. No need to prepare a bucket. pH balanced, will not remove layer of coating.

<example>



volume	product code
500ml	E 02050
4L	E 02400
20L	E 02720

1 Spray

Sprinkle water before you spray Creamy Shampoo.

2 Wash

Use soft sponge and scrub gently with light pressure.

3 Sprinkle water

Rinse off the bubbles completely.

4 Finish

Wipe up with a Microfiber Cloth.

<Product information>

consumption	5 cars/500ml	liquid pH	neutral
-------------	--------------	-----------	---------

Crystal Shampoo (20 times dilutable)

Product features

Dilutable with water

You can dilute it 20 - 30 times with water. It is easy to rinse off. pH balanced, will not remove layer of coating.

<example>



volume	product code
1L	E 03100
4L	E 03400
18L	E 03718

1 Prepare

Prepare a bucket and water.

2 Dilute

Dilute 20 ~ 30 times with water.

3 Make it bubbly

Use soft sponge to create rich foam.

4 Wash

Sprinkle water to cool down first if the car body is still hot. Wash gently with a sponge.

5 Sprinkle water

Rinse off the detergent.

6 Finish

Use Microfiber Cloth and wipe off water.

<Product information>

consumption	50 cars/1L	liquid pH	neutral
-------------	------------	-----------	---------

Water Repellent Coating Shampoo

Product
features

Washing and coating all in one

Just spray on the car body and rinse off with water then your car body is coated with super water repellent effect and glossy finish. Quick detailing.

<example>



1 Apply

Sprinkle water to cool down first if the car body is still hot.

2 Wash

Make sponge bubbly and wash gently.

3 Sprinkle water

First it is hydrophilic but it will be super water repellent as you keep sprinkling water.

4 Finish

Paint surface becomes super water repellent.
*Wipe off water droplets before dry out.

volume	product code
500ml	C 03050
4L	C 03400
18L	C 03718

<Product information>

consumption	5 cars/500ml	liquid pH	low acidity
-------------	--------------	-----------	-------------

Iron Particle Remover (Acidic Type)

Product
features

Non offensive odor

There is no offensive odors and not like conventional iron powder removers. It is newly developed and will speed up your pretreatment work. Remarkably quick and effective Iron Particle Remover for body and wheels.

<example>



1 Before

Iron particles are adhered on the car body.

2 Spray

Spray to a soft sponge.
*Make sure not to spray to the window.

3 Apply and wash off

Scrub few times gently.
*Wash off with water immediately after applied.

4 Finish

Iron particles are removed.

volume	product code
1L	F 07100
4L	F 07400
18L	F 07718

<Product information>

consumption	10 cars/1L	liquid pH	acidity
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Calcium Chloride Remover

Product
featurespH neutral
Color change to purple

Reacts in few seconds after spray to the car body. Bubbly soap can remove stains too.

<example>



1 Spray

Spray directly where calcium chlorides are adhered.

2 React

In 2 - 3 seconds, liquid start reacting with calcium chlorides. Color changes to purple.

3 Scrub

Wait 3 - 4 minutes then scrub with a sponge.

4 Finish

Wash off well with water and wipe up with Microfiber Cloth.

volume	product code
1L	F 06100
4L	F 06400
18L	F 06718

<Product information>

consumption	10 cars/1L	liquid pH	neutral
-------------	------------	-----------	---------



Quick Stain Remover Spray

Product
features

Just spray and wash
Quick stain remover

Just spray to the car body and wash off like conventional car wash.
Dissolve and eliminate stains quickly.

<example>



1 Spray

Rinse water well before you spray
Quick Stain Remover Spray.



2 Wash

Wash with a sponge in 10 ~ 20 seconds
later.



3 Rinse off

Rinse off with water well.



4 Finish

Wipe off with a Microfiber Cloth.

volume	product code
1L	F 01100
4L	F 01400
18L	F 01718

<Product information>

consumption

10 cars/1L

liquid pH

alkalinity

Strong Stain Remover Shampoo for White Car Body

Product
features

Degreaser for white car
Hand wash with compounds

Remove old grease and tough stains very easily
by scrubbing with alkaline detergent mixed with 2 μ m compounds.

<example>



1 Before

Stains adhered on car body.



2 Wash

Put Stain Remover on a Handy
Buffing Sponge and scrub well.
*Pour water well on car body then
apply Stain Remover.



3 Wash off

Scrub well and wash off with a
plenty of water.
*Make sure to wash all detergent
and compounds off.



4 Finish

Tough stain is removed.

volume	product code
500ml	F 02050
4L	F 02400
18L	F 02718

<Product information>

consumption

10 cars/500ml

liquid pH

alkalinity

Strong Stain Remover Shampoo for Black Car Body

Product
features

Degreaser for black car
Hand wash with compounds

It can remove old grease and stuck stains very easily
by scrubbing with detergent mixed with 0.8 μ m compounds.

<example>



1 Before

Stains adhered on car body.



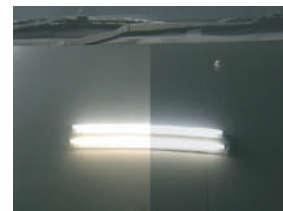
2 Wash

Put Stain Remover on a Handy
Buffing Sponge and scrub well.
*Pour water well on car body then
apply Stain Remover.



3 Wash off

Scrub well and wash off with a
plenty of water.
*Make sure to wash all detergent
and compounds off.



4 Finish

Tough stain is removed.

volume	product code
500ml	F 03050
2L	F 03200
4L	F 03400

<Product information>

consumption

10 cars/500ml

liquid pH

neutral

New

Strong Glue Remover

Product
featurespH neutral cleaner
for old glues.

Strongly adhered glue can be dissolved and broken down instantly.



<example>

**1 Removing window film.**
Remove old window film.**2 Glues are left on the window.**
Glues are dried and difficult to remove.**3 Apply**
Apply Strong Glue Remover with a Sanding Felt sponge.**4 Wipe off**
Wipe off with a damp Microfiber Cloth.**5 Finish**
Dried glues are removed completely.

volume	product code
500ml	F 16050

<Product information>

liquid pH

neutral

Strong Bug Remover

Product
featuresDissolve bugs
Effective to bird drops too

Strong Bug Remover can immediately remove stuck bugs on the car body.



<example>

**1 Before**
Bugs are adhered and they are difficult to remove.**2 Spray**
Pour water on car body and spray directly to the bugs.**3 Wash**
Wash with a sponge in 10 ~ 20 seconds later.**4 Finish**
Rinse off with water well and wipe up.

volume	product code
500ml	F 04050
4L	F 04400
18L	F 04718

<Product information>

liquid pH

alkalinity

Oil and Silicone Remover Shampoo

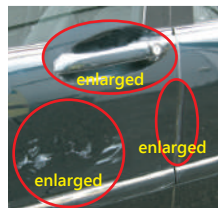
Product
featuresShampoo and degrease
1 step

Recommended to use after polishing and before coating.

Just wash like normal car shampoo to remove compounds and silicone that are stuck into the paint.



<example>

**Residue of compounds**
Suitable to remove residue of compounds.**1 Wash**
Pour water on car body and wash with a soft sponge.**2 Wash**
Make sure not to let bubbles dry on car body. Add more water and shampoo if needed.**3 Rinse**
Rinse off with water. Car body becomes hydrophilic.

volume	product code
500ml	G 13050
4L	G 13400
18L	G 13718

<Product information>

consumption

10 cars/500ml

liquid pH

acidity

Glass Coating
Water Based Coating
Scratch Filler
Wash
Compound
Window
Headlamp
Tire
Interior
Material
Set

Wash • Pretreatment

New

Water Spot Remover (Shampoo Type)

Product features

Wash off water marks easily

Just wash like a normal car shampoo and the special chemicals dissolve the water marks very quick.

Do not use on windows or chrome parts.

<example>



① Before

Many water marks are stuck to the paint. Which cannot be removed by normal car washing.



② Spray

Spray to washing sponge and wash car body well.



③ Rinse off

Rinse off well with a plenty of water.



④ Finish

Water marks and stains are removed as above.

*Use abrasive cleaner depending on the water spot condition.

<Product information>

consumption

5 cars/500ml

liquid pH

acidity

Water Spot Remover (Strong Type)

Product features

Dissolve water spot by strong chemical

Water spot and stains can be dissolved in 20 seconds.

Do not use on windows or chrome parts.

<example>



① Before

Water spot is adhered strongly so it is already difficult to remove just by washing.



② Apply

Soak Microfiber Cloth with Water Spot Remover (Strong Type) then scrub few times.



③ Finish

Rinse off with water immediately after applied.

Dent water spots are difficult to remove by this product. Use sanding paper to make it flat first then polish out with compounds. One Step Compound is recommended.

*Please wear safety gloves and glasses during application.

<Product information>

consumption

4 cars/300ml

liquid pH

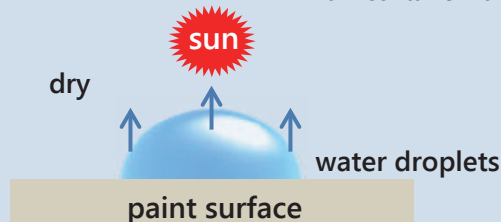
acidity

Mechanism of Water Stain and Water Spot problems

A) Water Stains

Rain contains many impurities.

The impurities stick to the paint and leaves water spots after evaporation.

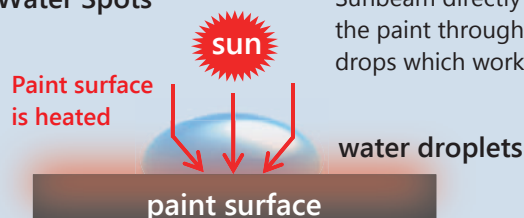


water stains

B) Water Spots

Sunbeam directly damage the paint through the water drops which work as lens.

Especially dark color paint likely gets damaged worse and can be dent easily.



water spot

New

Coating Melter for Microfiber Cloth

Product features

Just soak for 12 hours

Hardened Microfiber Cloth can be dissolved even after the glass coat liquid is hardened. It revives the original softness of Microfiber Cloth and they can be reusable again. **Apply within 2 days after application of glass coating.*

<example>



1 Before

Glass coat liquid are hardened in the Microfiber Cloth after wipe up Glass Coating.



2 Soak ①

Prepare a bucket and soak the Cloth.



3 Soak ②

Leave it half day.



4 Rinse off

Rinse off the Microfiber Cloth well until all detergent is off perfectly.



5 Finish

Microfiber Cloths are softened so can be used again.

volume	product code
4L	F 17400
18L	F 17718

<Product information>

liquid pH

alkalinity

Cleaner for Polishing Pad

Product features

Special cleaner for polishing pad

Unique cleaner for clogged-up stains, old wax, silicones and compounds.



<example> ■Sponge Polishing Pad



1 Before

Stains are clogging up.



2 Soak with water

Soak with water well. (If the stains are terrible, please rinse off in advance)



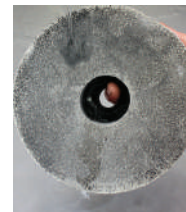
3 Spray

Spray directly to the pad.



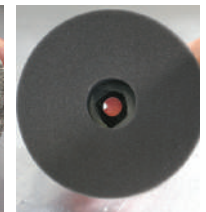
4 Squeeze

Squeeze out stains.



5 Wash off

Wash off well to remove stains and detergent. **Can be washed by laundry machine.*



6 Finish

Pad is cleaned.

volume	product code
500ml	G 14050
4L	G 14400
18L	G 14718

<Product information>

liquid pH

acidity

Multiple Purpose Cleaner

Product features

Neutral detergent for multiple purpose

It can quickly dissolves the ingredients.

Remove black fluorocarbon coating, grease, sealants and compounds.

**It works better to clean stains before they start drying up.*



spray

cap

<example 1 polishing pad>



1 Spray

Spray directly to the stained polishing pad after soaked.



2 Squeeze

Squeeze out stains.



3 Wash off

Wash off well to remove stains and detergent.

<example 2 glue>



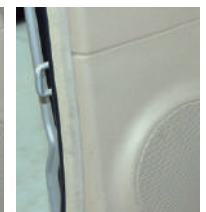
1 Before

Glues are overflowed and difficult to remove.



2 Apply

Put Multiple Purpose Cleaner on Microfiber Cloth and wipe off the glue.



3 Finish

Glue is removed.

volume	product code
500ml (spray)	G 12052
500ml (cap)	G 12051
4L	G 12400

<Product information>

liquid pH

neutral

One Step Compound



Product features

1 Step polishing #3000

Contains few different size of particles from $0.5\mu\text{m}$ - $3.0\mu\text{m}$.

It enables super mirror finish by one step polishing with a special attachment, polishing pad and RYOBI polisher.

<example>



1 Preparation

Remove dust and dirt before you start polishing



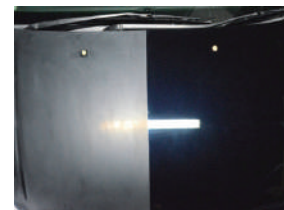
2 Sanding

Scratches and water spots are removed by sanding with #3000 sanding paper



3 Polishing

Put adequate amount on a wool polishing pad and polish paint surface.



4 Finish

Scratches from #3000 sanding paper are removed only by one step polishing without leaving swirls behind.



volume	product code
500ml	G 01050
4L	G 01400

<Product information>

specification	water based · non silicone	function	cutting~finishing	grade	coarse~fine
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One Step Compound Medium



Product features

1 Step polishing #2500

Upgraded version of One Step Compound, contains more abrasives and viscosity. It is also compatible with Gear Action Polisher and it helps speed up your work.



Recommend

※ How to Speed Up your work.

Remove deeper scratches using Long Wool Polishing Pad and RYOBI PEG-132 Gear Action Polisher first, then switch the polisher to RYOBI RSE-1250(Dual Action Polisher) and polish surface.

<example>



1 Gear Action Polisher

Polishing with Gear Action Polisher and Long Wool Polishing Pad. Paint surface is almost done leaving minimum swirl marks behind. Paint surface will be completely done after 2 process of polishing.



2 Dual Action Polisher

Polishing with Dual Action Polisher and Long Wool polishing pad. Put adequate amount on a wool polishing pad and polish paint surface.



volume	product code
500ml	G 04050
4L	G 04400

<Product information>

specification	water based · non silicone	function	cutting~finishing	grade	coarse~fine
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One Step Compound Hard



Product features

1 Step polishing #1500

Best Polishing compounds for removing #2500 - #1500 sanding paper scratches and deeper scratches .

※One Step Compound Medium is recommended after polishing darker color paint by One Step Compound Hard.



Recommend

※ How to Speed Up your work.

Remove deeper scratches using Long Wool Polishing Pad and RYOBI PEG-132 Gear Action Polisher first, then switch the polisher to RYOBI RSE-1250(Dual Action Polisher) and polish with One Step Compound Medium.

<example>



1 Gear Action Polisher

Polishing with Gear Action Polisher and Long Wool Polishing Pad. Paint surface is almost done leaving minimum swirl marks behind. Paint surface will be completely done after 2 process of polishing.



2 Dual Action Polisher

Polishing with Dual Action Polisher and Long Wool polishing pad. Put adequate amount on a wool polishing pad and polish paint surface.



volume	product code
500ml	G 03050
4L	G 03400

<Product information>

specification	water based · non silicone	function	cutting~finishing	grade	coarse~fine
---------------	----------------------------	----------	-------------------	-------	-------------

Gloss Enhancer



Product features

Recommend after One Step Compound

Contains 0.5 μ m of finishing compounds. Suitable for 202 BLACK paint.



<example>

**1 Before**

Finished whole surface with One Step Compound.

**2 Polish**

Put Gloss Enhancer on Taper Urethane Polishing Pad and polish by 50 cm² as you can see the swirls are removed.

**3 Finish**

Right side is polished with Gloss Enhancer.

**4 Finish**

Swirls are removed and the original color gets even darker.

volume	product code
300ml	G 02030
4L	G 02400

<Product information>

specification	water based · non silicone	function	finish	grade	fine
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Gloss Enhancer Plus



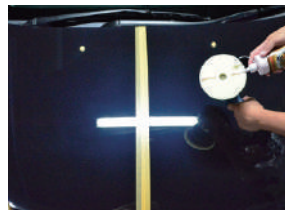
Product features

More viscous version

Contains non silicone, non oil. Upgrade version of Gloss Enhancer.



<example>

**1 Before**

Bonnet is already polished with One Step Compound.

**2 Polish**

Put Gloss Enhancer Plus on Taper Urethane Polishing Pad and polish by 50 cm² as you can see the swirls are removed.

**3 Finish**

Right side is polished with Gloss Enhancer Plus.

**4 Finish**

Swirls are removed and the original color gets even darker.

volume	product code
500ml	G 05050
4L	G 05400

<Product information>

specification	water based · non silicone	function	finish	grade	fine
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New

Gloss Enhancer for Soft Paint



Product features

Supreme finishing compound

NANO-sized small particles can remove swirls and cloudy look. Supreme finish.



<example>

**1 Before**

Swirls appeared after polishing with medium compounds by rotary polisher.

**2 Put on compounds**

Put adequate amount on a Taper Urethane Polishing Pad and polish with Gear Action Polisher or Dual Action Polisher.

**3 Polishing**

Put little pressure on with hands and polish carefully.

**4 Finish**

Polish and wipe off the compounds moving it slowly.

volume	product code
300ml	G 20030
2L	G 20200
4L	G 20400

<Product information>

specification	water based · non silicone	function	finish	grade	super fine
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One Step Compound Polishing System by CRYSTAL PROCESS

patent no. 5193277

Our polishing system can finish paint surface only by 1 step without leaving swirl marks. Compatible with softer paint and darker paint.

One Step Compound Polishing System



① Dual Action Polisher (RYOBI RSE-1250)

It is light and very easy to handle. Best combination with special attachment, long wool polishing pad and taper urethane polishing pad.

② Special attachment (for RYOBI RSE-1250)

Developed exclusively for RYOBI RSE-1250. Light thin resin pad is made to be stable and better polish. It generates less friction heat so you may also polish resin parts such as headlamps and door visor.

③ Long Wool polishing pad

We have developed more than 100 test samples to pursue the best quality. It keeps the compounds efficiently during the polishing work.

④ Taper Urethane polishing pad

It is made of premium urethane sponge which is also used for cosmetic sponge.

⑤ One Step Compound

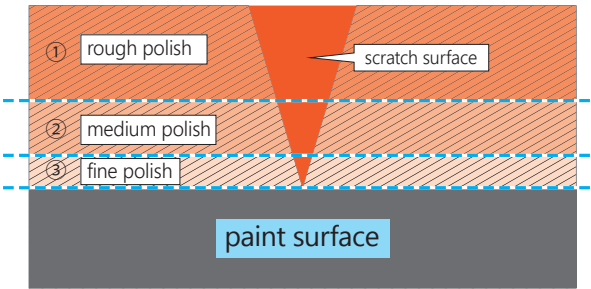
Contains few different size of particles from 0.5μm - 3.0μm . It enables super mirror finish by one step polishing with a special attachment, polishing pad and RYOBI polisher.

⑥ Gloss Enhancer

Contains 0.5μm of finishing compounds. Suitable for 202 BLACK paint.

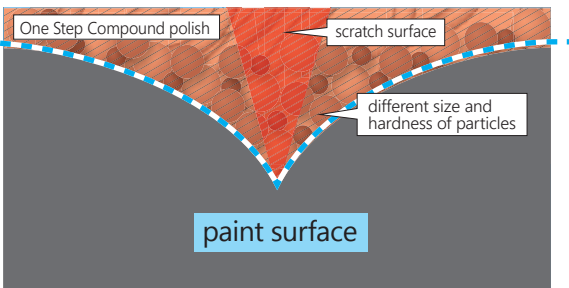
Conventional Polishing System

It requires at least few different polishing compounds to correct the paint. Therefore, it takes more times and we have to polish clear coat more than necessary.



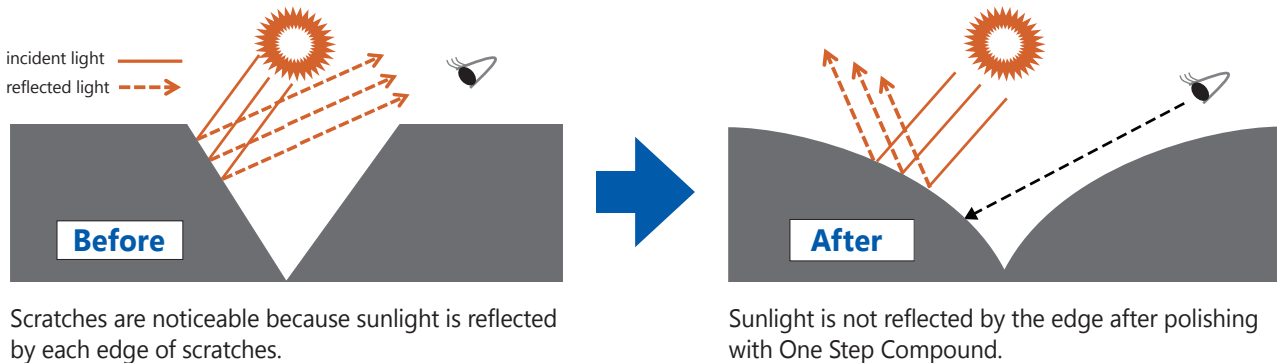
One Step Compound Polishing System

It contains different size (0.5μm ~ 3μm) and hardness of particles. Each particles get into the scratches and it polishes the edges out to be mild. Just 1 step polish and you may achieve mirror look finish.



How scratches are appeared to be seen by eyes(before/after)

Scratches are appeared when incident lights are reflected by the edge. One Step Compound Polishing System can make the edges milder so the scratches are difficult to see.



Scratches are noticeable because sunlight is reflected by each edge of scratches.

Sunlight is not reflected by the edge after polishing with One Step Compound.

Each car manufacturer tends to change the oil-based paint to water-based paint, and also self-restoring clear coat has been installed thanks to the new surface technology. Accordingly, Dual Action polisher machine is getting more popular than Rotary Polisher and Gear Action Polisher. Our One Step Polishing System can minimize the heat temperature generated by friction.

Result of friction heat temperature generated by Rotary Polisher and Dual Action Polisher.

◎ List of the surface temperature after polishing (thermographic measurement)

Type of polisher Polishing compounds	Conventional Polishing System Rotary Polisher Super Polish Compound 10μm	One Step Compounds Polishing System Dual Action Polisher One Step Compound
Paint surface		
Maximum temperature	90.3℃	22.5℃
Observation	Friction heat of the polishing increase up to 90.3℃. It can damage the paint surface obviously.	There is almost no friction heat generated by dual action polisher. This advanced system can prevent paint surface from heat damage.

We have compared and measured the burden to the worker when using rotary polisher and dual action polisher with our One Step Compound.

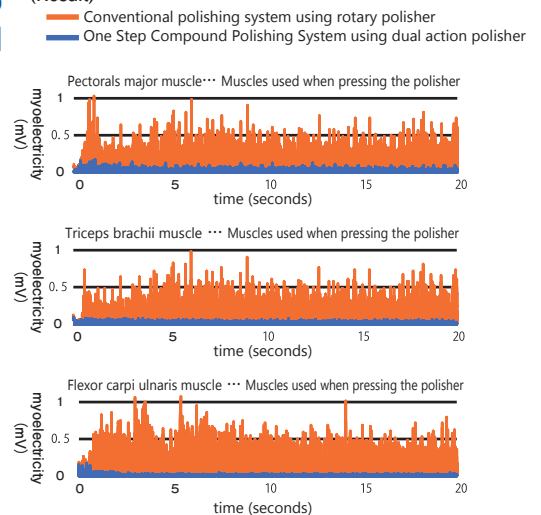


Measured by Hiroshima West Industrial Research Institute Center

We put the measuring instrument to worker's hands, arms and chest to measure the myoelectricity to the worker when using each polishers. Myoelectricity is measured by muscular strength. Myoelectricity increases when the worker use stronger power.

Our One Step Polishing System decrease the burden to the worker one-fifth to one-tenth.

(Result)



Compound

New

One Step Compound Scratch Filler Type



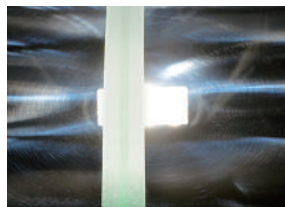
Product features

 New technology
Polishing and filling

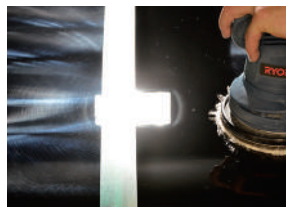
New material compound that contains durable resins and fine abrasives. Resins can fill swirl marks. Silica contained compound can enhance the bonding effect of glass coatings.



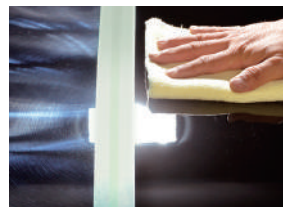
<example>


1 Before

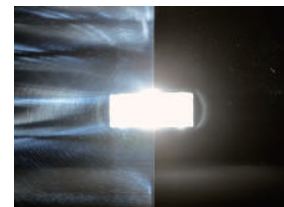
Heavy swirl marks after rotary polisher.


2 Polishing

Long Wool Polishing Pad on dual action polisher.


3 Wiping off

Wipe off with clean Microfiber.


4 Finish

Right side of the bonnet is polished and scratches are removed completely.

volume	product code
500ml	G 23050
2L	G 23200
4L	G 23400

<Product information>

specification	water based · non silicone	function	cutting~finishing	grade	super fine
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New

One Step Compound Scratch Filler Type Black



Product features

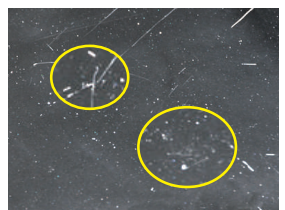
Limited to black color

Filler compounds for Black Paint only.

It fills scratches and chippings by painting with black pigment.



<example>


1 Before

There are deep scratches and stone chips.


2 Apply

Put compound on Long Wool Polishing Pad 130p.


3 Polishing

Polish gently with a light pressure on.


4 Finish

Scratches and stone chips are filled.

volume	product code
500ml	G 24050
2L	G 24200
4L	G 24400

<Product information>

specification	water based · non silicone	function	cutting~finishing	grade	super fine
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New

Polish Water



Product features

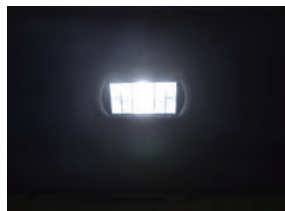
Supreme finishing compounds

Ultimate finishing compound used after all polishing process is done.

It gives extra deeper gloss after polishing with finishing compound.



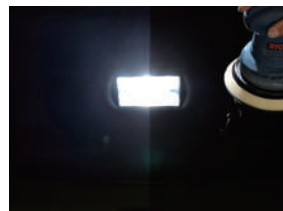
<example>


1 Before

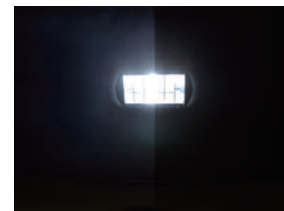
Already polished by Gloss Enhancer Plus after One Step Compound Medium


2 Spray

Spray few times on to the Taper Urethane Polishing Pad.


3 Polishing

Set the polisher machine lower speed or medium speed then polish evenly.


4 Finish

Finished with ultimate glossy look.

volume	product code
300ml	G 25030
4L	G 25400

<Product information>

specification	water based · non silicone	function	finishing	grade	super fine
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Super Polish Compound 15μm Super Polish Compound 10μm



	volume	product code
○	500ml	G 16050
	2L	G 16200
	4L	G 16400



	volume	product code
○	500ml	G 17050
	2L	G 17200
	4L	G 17400

Product features

Coarse abrasive

You can quickly cut deep swirls made by sanding paper #1500 ~ #2000.



Super Polish Compound 15μm and 10μm are compatible with Wool Polishing Pad.

15μm	specification	water based・non silicone	function	rough polish	grade	coarse	10μm	specification	water based・non silicone	function	rough polish	grade	coarse
------	---------------	--------------------------	----------	--------------	-------	--------	------	---------------	--------------------------	----------	--------------	-------	--------

Super Polish Compound 4.0μm Super Polish Compound 2.0μm



	volume	product code
○	500ml	G 07050
	2L	G 07200
	4L	G 07400



	volume	product code
○	500ml	G 08050
	2L	G 08200
	4L	G 08400

Product features

Medium abrasive

It will remove scratches made by Super Polish Compound 15μm or 10μm.



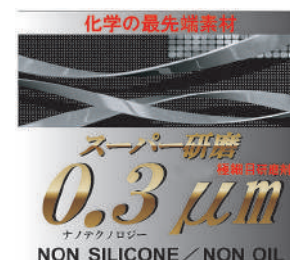
Super Polish Compound 4.0μm and 2.0μm are compatible with Sponge Polishing Pad.

4.0μm	specification	water based・non silicone	function	medium polish	grade	medium	2.0μm	specification	Water based・non silicone	function	medium polish	grade	medium
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Super Polish Compound 0.8μm Super Polish Compound 0.3μm



	volume	product code
○	500ml	G 09050
	2L	G 09200
	4L	G 09400



	volume	product code
○	500ml	G 10050
	2L	G 10200
	4L	G 10400

Product features

Fine abrasive

Finishing compound that can remove swirls without leaving cloudy look.



Super Polish Compound 0.3μm and 0.8μm are compatible with Sponge Polishing Pad.

The mirror surface dose not change even if it is degreasing with silicone off etc.

0.8μm	specification	water based・non silicone	function	finishing	grade	fine	0.3μm	specification	water based・non silicone	function	finishing	grade	super fine
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Degreaser for Window

Product features

Quick degreaser for window

Blend of fine abrasives and degreaser.
Sanding Felt Sponge can speed up your work.

<example>



① Before

There are stains and light water marks.



② Application

Apply with Sanding Felt Sponge.
*Make sure windows are wet during application.



③ Washing

Scrub well with Sanding Felt Sponge and wash off well.



④ Finish

Right side of windshield is cleaned and degreased.



volume	product code
500ml	H 01050
sanding felt sponge	M 21901

<Product information>

consumption	windows 50 pieces/500ml	liquid pH	alkalinity
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Water Spot Remover for Window (Hard) Water Spot Remover for Window (Soft)

Product features

Water spot remover for window

Fine scratches and tough water spots can be removed quickly with hard compounds. Applying with polisher machine can speed up your work.



<example 1 Polisher Machine>



① Before

There are many swirls on the windscreen because of the wiper blades.



② Polishing

Polish with Polishing Felt 130φ after spray water to the window surface.



③ Finish

Swirls and old grease are removed. Original visibility is back.

<example 2 Hand Polishing>



① Before

There are many water spots on the windows.



② Polishing

Put compound on Sanding Felt Sponge and scrub well after spray water to the window surface.



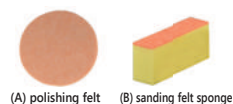
③ Finish

Right side is finished with Water Spot Remover for Window (Hard).



200ml (hard) 200ml (soft)

volume	product code
○ 200ml(hard)	H 02020
○ 500ml(hard)	H 02050
○ 200ml(soft)	H 03020
○ 500ml(soft)	H 03050



(A) polishing felt (B) sanding felt sponge

volume	product code
(A) polishing felt	M 34101
(B) sanding felt sponge	M 21901

<Product information>

consumption	windows 20 pieces/200ml
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Quick Window Coating

Product features

No need to degrease
Quick coating

No need to do degreasing process.
You can do cleaning and coating at the same time.

<example>



① Before

Remove dusts before apply coating.



② Spray

Spray to Microfiber Cloth few times.



③ Coating

Apply evenly and wipe off immediately.



④ Finish

Dry it more than 30 minutes.



volume	product code
○ 500ml	H 04050
4L	H 04400

*Make sure window surface is completely dry during application.

<Product information>

consumption	windows 50 pieces/500ml	durability	90 days
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Strong Window Coating

Product
features

Super hydrophobic

Strong Window Coating can reflect water drops while driving at the speed of 50km/h.

<example>

**① Before**

Remove dusts before apply coating.

**② Coating**

Dry window surface and apply coating evenly.

**③ Wipe off**

Wipe off immediately after application without leaving unwiped spots.

**④ Finish**

Dry it more than 30 minutes.

*If the liquid dry fast, add this product to the sponge again and you may wipe off easier with a Microfiber Cloth.

volume	product code
300ml	H 06030
2L	H 06200
4L	H 06400

<Product information>

consumption	windows 30 pieces/300ml	durability	180 days
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Strong Window Coating Plus

Product
features

Silicone ingredients contained

Glass ingredients improve durability longer and water repellency stronger.

<example>

**① Before**

Remove dusts before apply coatings.

**② Coating**

Dry window surface and apply coating evenly. Wipe off immediately after application.

**③ Wipe off**

*If the liquid dry fast, add this product to the sponge again and you may wipe off easier with Microfiber Cloth.

**④ Finish**

Dry it more than 30 minutes.

*Use Degreaser for Window or Water Spot Remover for Window before applying Strong Window Coating Plus.

volume	product code
300ml	H 05030
2L	H 05200
4L	H 05400

<Product information>

consumption	windows 30 pieces/300ml	durability	1 year
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There are 3 different Window Coatings.
Product features are listed as follows.

Comparison of Windscreen Coatings				
Product Name	Workability	Water Repellency	Durability	Features
Quick Window Coating	◎	○	△	It can degrease and coat in one step application.
Strong Window Coating	○	◎	○	Well balanced in workability, water repellency and durability.
Strong Window Coating Plus	△	◎	◎	The most durable windscreen coating contained siloxane ingredients.

Glass Coating
Water Based Coating
Scratch Filler
Wash
Compound
Window
Headlamp
Tire
Interior
Material
Set

Headlamp • Plastic Resin

Headlamp Cleaner Gel

Product features	Yellow tint cleaner for Headlamp
------------------	----------------------------------

Special cleaner gel for the headlamp restoration.
Easy to apply by hands.

<example>



1 Before
Headlamp surface is faded and turned yellow because of ultraviolet rays.



2 Apply
Put Headlamp Cleaner Gel on Sanding Felt Sponge and scrub few times. Leave it for 2 ~ 3 minutes.



3 Wipe off
Wipe off with damp Cloth.



4 Finish
Faded headlamp is cleaned and restored.

volume	product code
100ml	I 02010
200ml	I 02020

*Headlamp Coating is recommended to protect from fading.

<Product information>	consumption	headlamp 10 pieces/100ml	liquid pH	alkalinity	durability	6 months ~ 1 year
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Headlamp Restorer Compound



Product features	1 step polishing compounds for headlamp
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Special compound can remove fine scratches and restore faded clear coat without leaving any swirls.

<example>



1 Before
Headlamp surface is faded and turned yellow because of ultraviolet rays.



2 Masking and Polishing
Cover the edges with masking tape and polish with dual action polisher.



3 Half side is cleaned
Left side is polished and cleaned.



4 Finish
Faded headlamp is cleaned and restored.

volume	product code
100ml	I 01010
200ml	I 01020

<Product information>	consumption	headlamp 10 pieces/100ml	function	sanding ~ finish	active ingredients	coarse ~ fine	durability	2 years
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Headlamp Coating

Product features	For headlamp only
------------------	-------------------

Recommended to apply coating after headlamp restoration in order to protect from fading again.

<example>



1 Apply
Put Headlamp Coating on Special Applicator cloth.



2 Coating
Apply evenly without leaving unapplied spot.



3 Wipe off
Wipe off with Microfiber Cloth.



4 Finish
Headlamp looks even more visible than before.

volume	product code
100ml	I 03010
200ml	I 03020

*Keep away from water for 2 hours after application.

<Product information>	number of layers	1 layer	consumption	headlamp 30 pieces/100ml	active ingredients	60%	durability	3 years
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Glass Coating for Plastics

Product features

For plastic parts only

Durable and flexible coat will revive the faded plastic parts to be new looking again.



<example>



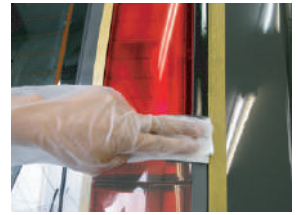
1 Side mirror
Apply to the faded side mirror.



2 Window visor
Fine scratches are filled.



3 Wiper blades
Apply to the faded wiper blades.



4 Tail lights
Apply to the tail lights.

volume	product code
200ml	H 07020

*Make sure to apply and wipe off each parts and wipe off immediately. (Coating layer still can remain even after wipe off)
*Keep away from water within 2 hours after application.

<Product information>

active ingredients	50%	durability	2 years
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New

Strong Stain Cleaner for Car Wraps / Film

Product features

Stain Cleaner for car wrapping only

Strong Stain Cleaner for Car Wraps / Film.
It can remove tough stains on matte car wraps.

<example>



1 Before
Tough stains are stuck into the car wrap surface.



2 Washing
Wash off the dirt first and then scrub well with Handy Buffing Sponge.



3 Rinsing
Rinse off well with a plenty of water.
*Use sponge to wash off if needed.



4 Finish
Right side of the bonnet is cleaned.

volume	product code
500ml	H 12050
4L	H 12400

<Product information>

consumption	10 cars / 500ml	liquid pH	alkalinity
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New

Glass Coating for Car Wraps / Film (35% matte) Glass Coating for Car Wraps / Film (100% gloss)

New Glass Coating exclusive for Car Wraps / Film.
It protects from stains and water marks.

Product features

Glass Coating for Car Wrapping Film

<example>



1 Before
Wash and dry car wrap surface before apply glass coating.
*Make sure to apply coating when film surface is completely dry.



2 Application
Apply evenly with Special Applicator Sponge.



3 Wipe off
Use 3 clean Microfiber Cloths to wipe off perfectly. Make sure to leave no unwiped spots.



4 Finish
2 hours later, coating is dried and ready to drive your car.

volume	product code
200ml (35% matte)	H 13020
200ml (100% gloss)	H 14020

<Product information>

number of layers	1 layer	consumption	4 cars/200ml	active ingredients	85%	durability	3 years
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Iron Particle and Brake Dust Remover

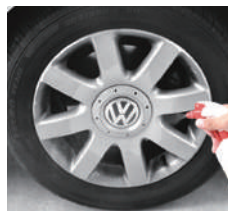
Product
features

Remove brake dust, iron
particle safely and effectively



Unique formula give you safest and most effective method to remove brake dust and iron particle from paint surface before the polishing, waxing, and coating. pH balanced so it could also be used on coated car.

<example>



① Before

enlarged

② Spray

Iron particle and brake
dusts are stuck on the
wheels.

Spray directly to the wheels.

③ Reacting

Brake dusts are reacting
with cleaner and it turns to
purple.

④ Wash

Use soft brush to wash off
brake dusts well.

⑤ Finish

enlarged

Wash off well with a plenty
of water.

volume	product code
1L	F 08100
4L	F 08400
18L	F 08718

<Product information>

consumption	50 wheels /1L	liquid pH	neutral
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Strong Wheel Cleaner

Product
features

Clean tough break dust quickly



Dirt and brake dusts will be cleaned away quickly without scrubbing too much. Just spray and wash away.

<example>



① Before

So much brake dusts stuck on the
wheel.

② Spray

Please spray where brake dust is
adhered.

③ Wash away

30 seconds later pressure wash.
Make sure to wash away cleaner.

④ Finish

enlarged

All brake dust are gone perfectly.

volume	product code
500ml	F 09050
1L	F 09100
4L	F 09400
20L	F 09720

*Do not try to wash all wheels at the same time.

*Rinse water to cool down first if wheels are too hot.

<Product information>

consumption	30 wheels /500ml	liquid pH	acidity
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Metal Polish (Paste)

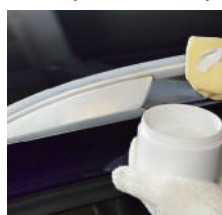


Product
features

Compound for metal parts
Paste type

Aluminum, stainless and another metal parts will be shiny just by scrubbing.

<example 1 Chrome parts>



① Polish

Scrub with cloth or sponge.

② Enlarged picture

Cloudy surface is polished
with Metal Polish (Paste)
and it looks like new parts
again.

<example 2 Aluminum Wheel>



③ Polish

Scrub with cloth or sponge.

④ Enlarged picture

Wipe off with dry cloth or wash off with pH neutral
detergent.

⑤ Finish

volume	product code
200g	J 02020

<Product information>

consumption	30 wheels /200g	specification	oil base	grade	fine
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New

Metal Polish (Liquid)



Product features

Remove stain on window trim effectively.

Tough water marks and stains on window trim can be removed easily and quickly. Applying with polisher machine or sanding felt sponge can speed up your work.

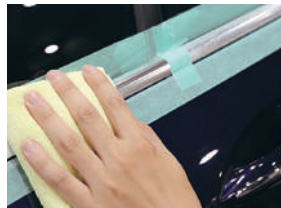
<example>

**① Before**

Water marks are stuck into the surface.

**② Polishing**

Scrub with sanding felt sponge well.

**③ Wiping off**

Wipe off with dry Microfiber Cloth.

**④ Finish**

Stains and water marks are removed.

volume	product code
200ml	J 06020
sanding felt sponge	M 21901

<Product information>

specification	oil base	grade	fine
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New

Super Water Repellent Spray for Wheels

Product features

Just spray to the wheels
Quick detailing

Just spray and rinse water.
Protect from brake dusts and stains.

<example>

**① Before**

Remove brake dusts and stains by cleaners.

**② Spray**

Spray directly to the wheels.

**③ Sprinkle water**

Sprinkle water after sprayed.

**④ Finish**

Wheel surface becomes super water repellent. Wipe off water drops before dry out.

volume	product code
500ml	J 07050
4L	J 07400
20L	J 07720

<Product information>

consumption	30 wheels / 500ml	durability	60 days
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Glass Coating for Metal&Wheels

Product features

Hard glass coating
Brake dusts resistant

Form hard glass coating layer to protect wheel from scratches, brake dust adhesion. Also prevent window trim from water spots, oxidation.

*Wipe off immediately after applied.

<example>

**① Before**

Wash and clean in advance. Do not apply when wheels are dirty.

**② Wash and dry**

Remove brake dusts and dirt with wheel cleaner or abrasives. Wash off with water and dry it well.

**③ Apply**

Apply evenly with Special Applicator Cloth.

**④ Wipe off**

Wipe off without leaving any streaks.

volume	product code
200ml	J 03020

<Product information>

number of layers	1 layer	consumption	40 wheels/200ml	active ingredients	90%	durability	5 years
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*Make sure to apply and wipe off 1 wheel each. *Avoid water for at least 2hours.

Premium Tire Wax 1000

Product
featuresWater based
Long lasting tire wax

Advanced water-based tire wax is made of special silicones and urethane resins. It gives original wet look.



<example>

**① Before**

Clean tire and wipe off water.

**② Apply**

Apply wax with a sponge without dripping.

**③ Coating**

Apply and rub in tire surface.

**④ Finish**

Original black color is brought back.

*Please wipe away extra liquid if they attach to the wheels.

volume	product code
500ml	K 01050
4L	K 01400

<Product information>

consumption	40 wheels /500ml	specification	water based
-------------	------------------	---------------	-------------

Luxury Tire Wax 500

Product
featuresWater based
Durable tire wax

Unique silicone resin is blended. Luxury Tire Wax 500 provides great performance in gloss for long time.



<example>

**① Before**

Clean tire and wipe off water.

**② Apply**

Apply wax with a sponge without dripping.

**③ Coating**

Apply and rub in tire surface.

**④ Finish**

Original black color is brought back.

*Please wipe away extra liquid if they attach to the wheels.

volume	product code
1L	K 02100
4L	K 02400
18L	K 02718

<Product information>

consumption	80 wheels /1L	specification	water based
-------------	---------------	---------------	-------------

Spray Tire Wax

Product
featuresJust spray and dry
Quick tire wax

Just spray and dry. No need to wipe off, so hands are clean.



<example>

**① Before**

Clean tire and wipe off water.

**② Spray**

Spray evenly to the tires.

**③ Wipe off**

*Please wipe away extra liquid if it attaches to the wheels.

**④ Finish**

Original black color is brought back.

volume	product code
1L	K 03100
4L	K 03400
18L	K 03718

<Product information>

consumption	40 wheels /1L	specification	water based
-------------	---------------	---------------	-------------

Interior Perfect Cleaner

Product
featurespH neutral
Cleaning detergent

Interior Perfect Cleaner can remove stains and dusts easily. Safe for your hands.

<example>



volume	product code
500ml	L 04050
4L	L 04400
20L	L 04720
(A)room cleaner brush 30mm	M 20501
(B)room cleaner brush 5mm	M 20502



① Example

Spray on dirty spots.



② Scrub

Scrub well with a Room Cleaner Brush.



③ Wipe away

Wipe off with damp towel to remove detergent.



④ Finish

Right side is cleaned.

<Product information>

liquid pH

neutral

Seat and Soft Top Coating

Product
featuresFluorocarbon resin contained
Water repellent coating

Just spray and dry to make it super water repellent. It protects fabric seats from food stains.

*Do not apply to the leather products.

<example 1 fabric seat>



① Spray

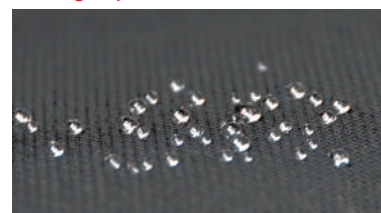
Clean the seats first and spray evenly.



② Dry

Dry well using a dryer.

<enlarged picture>



③ Finish

Fabric seats repel water droplets.

<example 2 soft top>



① Masking

Clean the soft top first. Cover the body and windows to protect.



② Spray

Spray evenly and dry well using a dryer.



③ Finish

Soft top repels water droplets.

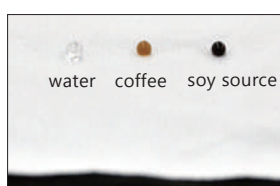


④ Water repellent

Water droplets will not be absorbed.

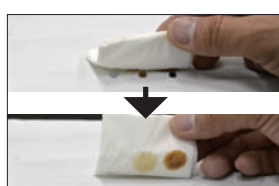
Antifouling test on polyester materials

① Drip



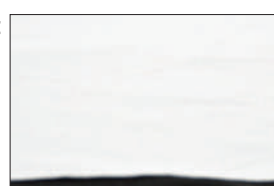
① Water, coffee and soy source droplet is dripped on the coated polyester.

② Wipe off



② Wiped off with a cotton paper after 5 minutes.

③ Result



③ Coated polyester is protected to be clean and not stained.

<Product information>

durability

180 days

specification

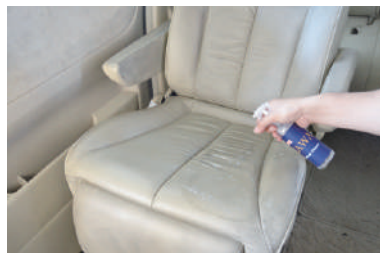
oil based

Leather Cleaner

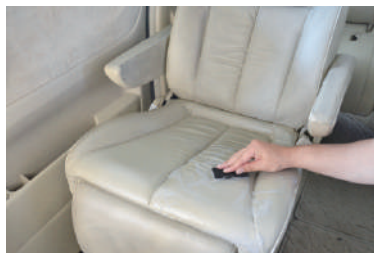
Product features Cleaner for leather products

Removes tough stains stuck into the leather.
pH neutral cleaner can be applied to various leather products.

<example>



1 Spray
Spray to the seats directly.
Do not spray to the whole area at once.



2 Scrub
Scrub with Room Cleaner Brush.



3 Finish
Wipe away with damp towel.

*Do not scrub too hard since it might discolor the seats.

<Product information>

liquid pH	neutral
-----------	---------

Leather Conditioner

Product features Conditioner for leather products

Protective maintenance agent for leather products. Blend of mink oil and collagen will give original gloss and softness. Non-slick finish.

<example>



1 Apply
Apply on Special Applicator Sponge.



2 Coating
Apply in all direction.
*Do not leave long time without wipe off.



3 Finish
Wipe away with dry cloth.

*Do not apply large area at once.

<Product information>

specification	water based
---------------	-------------

New

Premium Leather Cream

Product features Softener for leather products

Premium Leather Cream contains natural material of beeswax and hohoba oil. It revives the original leather conditions.

<example>



1 Apply
Clean the leather and dry it well. Apply Premium Leather Cream evenly with a soft sponge.



2 Wipe off
Wipe off with a dry Microfiber Cloth.



3 Finish
Premium glossy finish with extra rich shine.

<Product information>

specification	oil based
---------------	-----------

Renewal

Water Based Resin Leather Wax

Product
featuresWater based
Natural gloss

Dashboards and resin parts will be glossy without slick finish.

*Do not apply to steering wheel and seats.



<example>

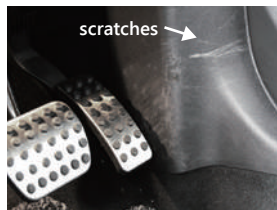
**1 Apply**

Apply evenly with a soft sponge and wipe off with a Microfiber Cloth.

**2 Finish**

Left side is coated with glossy finish.

<scratches>

**1 Before**

Plastic resins scratched by shoes.
*Do not apply to the pedals.

**2 Finish**

Scratches are filled and original gloss is back.

volume	product code
200ml	L 13020
2L	L 13200

<Product information> specification water based

New

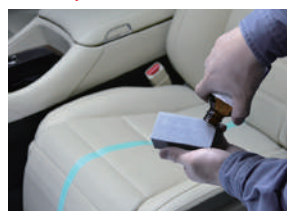
Glass Coating for Leather Seats

Product
featuresGlass coating for leather
products

Glass coating for real leather and synthetic leather. It can protect from stain and color transfer from denim jeans.

*Do not apply to suede leather or fabric seats.

<example>

**1 Clean**

Clean the leather and dry it well first.

**2 Apply**

Apply coating evenly with a Special Applicator Sponge.

**3 Wipe off**

Wipe off with a Microfiber Cloth immediately after application.

**4 Finish**

Coated surface is not stained as picture above.

*Dry 3 hours after wiping off.

<Product information> number of layers 1 layer consumption 5 cars/200ml active ingredients 25% durability 1 year

Discontinued



volume	product code
200ml	L 14020

New

Non-Slip Coating for Leather

Product
featuresEnhances frictionality
For more stable driving position

Slippery leather seats often make drivers tired when driving. Non-slip Coating for Leather gives grippy finish that helps drivers to be more stable.

*Do not apply to suede leather or fabric seats.

<example>

**1 Spray**

Spray to Microfiber Cloth.

**2 Apply**

Apply coating evenly to the leather seats.

**3 Wipe off**

Wipe off with a Microfiber Cloth immediately after application.

**4 Finish**

Coated surface becomes not slippery and you can drive in more stable position.

*Dry leather seats well for 30 ~ 60 minutes.

<Product information> specification water based durability 30~60 days



volume	product code
300ml	L 18030

Quick Glass Cleaner

Product features

Dries quick
Easy application

Just spray on a Microfiber Cloth and wipe off.
Works great without leaving any streaks.



<example>

**1 Before**

Window surface has grease and looks cloudy.

**2 Apply**

Spray on a Microfiber Cloth.

**3 Wipe away**

Wipe away with a Microfiber Cloth.

**4 Finish**

You can see outside more clearly than before.

volume	product code
500ml	L 05050
4L	L 05400
18L	L 05718

<Product information>

consumption	30 cars /500ml	liquid pH	low alkalinity
-------------	----------------	-----------	----------------

Glass Cleaner Blight

Product features

No streaks
Easy application

Removes finger marks and stains instantly without leaving any streaks.
100% safer visibility.



<example>

**1 Apply**

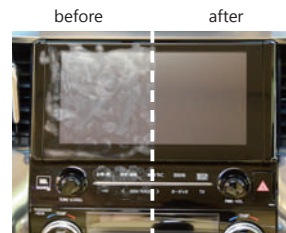
Spray on a Microfiber Cloth.

**2 Wipe away**

Wipe away with a Microfiber Cloth.

**3 Finish**

You can see outside more clearly than before.

**4 Car navigation panel**

Finger marks on the panel is cleaned and degreased.

volume	product code
500ml	L 06050
4L	L 06400
18L	L 06718

<Product information>

consumption	30 cars /500ml	liquid pH	neutral
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Deodorant Spray (Chamaecyparis Obtuse)

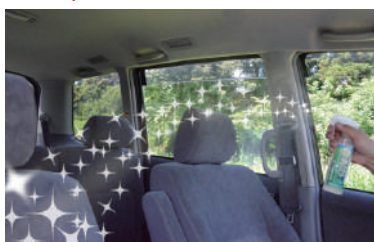
Product features

Chamaecyparis Obtuse
Refreshment

The ingredients are from chamaecyparis obtuse which will dissolve source of the smell. Chamaecyparis obtuse flavor will refresh drivers. Spray where you want to remove bacteria and germs then it deodorizes odor as well.

*Chamaecyparis obtuse is well known as an anti-bacteria.

<example>

**Spray to the interior**

Spray to the seats and room few times.

Spray in a car, room, toilet, trash can or shoe locker then odor will disappear.

volume	product code
300ml	L 08030

<Product information>

liquid pH	low alkalinity
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Deodorant Spray (Virid Flavor)

Product
features

Forrest flavor
Refreshment

The ingredients are from natural plant extract.

Spray where you want to remove bacteria and germs then it deodorizes odor as well.



<example>



Spray in a car, room, toilet, trash can or shoe locker then odor will disappear.

Spray to the interior

Spray to the seats and room few times.

volume	product code
300ml	L 07030

<Product information>

liquid pH

neutral

Antistatic Spray

Product
features

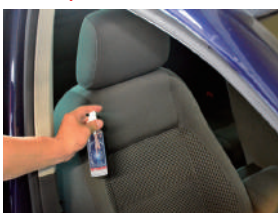
Stops static problem

It will stop unexpected static problems.

Just spray and dry.



<example>



① Spray on car seat

Spray on car seat and it lasts 1 - 2 months.



② Spray on clothes

Spray on clothes few times and it lasts until you wash them.

Attention

When you spray, please take a distance more than 50cm away. Make sure not to spray directly on dashboard or meter panel. (It might decompose)

volume	product code
100ml	L 09010

<Product information>

liquid pH

neutral

New

Anti-Dust Spray Coating

Product
features

Prevent from dusts

Just spray to the floor mat and dry. Surface is protected from dusts and muds.

<example>



① Before

Clean the mat and dry it well first.



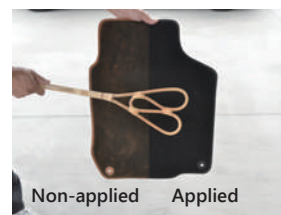
② Spray

Spray coating to the mat and dry it well with a dryer.



③ Dusts

Artificial powder dusts are put on the mat.



④ Clean

Right side of the mat is easy to clean dusts because of the coating.

volume	product code
200ml	L 15020

<Product information>

liquid pH

low acidity

Strong Engine Room Cleaner

Product features
Cleaner for engine room
Strong type

You can remove greasy dirt from engine room. Spray and scrub with brush then just rinse off with water.

*Please restrict the person who do this job.(Because there are electric parts and computer which you should not pour water on.)

<example>



- ① Before
Cover fuse box, electricity area in advance so they do not get contact with water.
- ② Spray
Spray directly to the engine parts from 15 ~ 20cm away.
- ③ Washing
If dirt is very tough, spray and let it sit for 2 ~ 3 minutes before you scrub.
- ④ Rinse off
Rinse off with water or steam.
- ⑤ Finish
Wipe up with a dry Microfiber Cloth and let it dry.

*If engine room cleaner attach to the car body, wash off immediately before it stains.
*Glass Coating for Engine Room is recommended to apply after cleaning.

volume	product code
500ml	I 04050
4L	I 04400
20L	I 04720

<Product information>

consumption	20 cars /500ml	liquid pH	alkalinity
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Engine Room Coating

Product features
Water based
Engine room coating

It works perfect to protect resin, rubber and hose parts from fading. Just spray and no need to wipe off.

<example>



- ① Before
Remove dirt and old grease with Strong Engine Room Cleaner.
- ② Spray
Spray directly to the engine parts from 15 ~ 20cm away.
- ③ Finish
Dry it without wiping off.

*If liquids attach to the car body or windshields, wipe off with a dry Microfiber Cloth.

volume	product code
1L	J 04100
4L	J 04400
18L	J 04718

<Product information>

consumption	20 cars /1L	specification	water based
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New

Glass Coating for Engine Room

Product features
Long lasting
Engine room coating

Engine room always becomes high temperature and engine cover easily gets faded because of the heat. Glass Coating for Engine Room can protect from heat and stains to keep engine room look clean for long time.

<example>



- ① Before
Engine cover is faded and discolored.
- ② Apply
Apply coating on a Special Applicator Sponge.
- ③ Coating
Apply coating evenly to the engine cover.
- ④ Wipe off
Wipe off with a Microfiber Cloth immediately after application.
- ⑤ Finish
Engine cover is coated and original gloss is back.

*Do not apply coating on whole area at once. Make sure to apply and wipe off each area in order.
*Engine room becomes high temperature so cool it down first then apply in a well ventilated place.

volume	product code
200ml	J 12020

<Product information>

number of layers	1 layer	active ingredients	70%	durability	3 years
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New

Maintenance Agent for Diamond Coat

Product features	Water drops fall off quickly
------------------	------------------------------

Water droplets fall off quickly. Maintenance agent for High Tech X1 Diamond Coat.

<example>

**① Before**

Wash car body and dry.

*Make sure to apply in a well ventilated cool place if temperature is hot.

② Apply

Apply evenly with a Microfiber Cloth.

③ Wipe off

Wipe off with a Microfiber Cloth immediately after application.

④ Finish

Dry it 30 minutes before drive your car.

volume	product code
200ml	M 91020

<Product information>

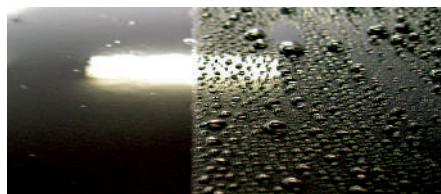
consumption	4 cars /200ml	durability	180 days
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New

Maintenance Agent for High Tech X1 Series (Hydrophobic type)

Product features	Super water repellent Glossy finish
------------------	----------------------------------------

Maintenance Agent for all High Tech X1 Series. It enhances gloss and hydrophobic effect by applying regularly.



<example>

① Wash and dry well then spray Maintenance agent on a Microfiber Cloth.

② Apply evenly and wipe off without leaving unwiped spots.

③ It dries completely in 30 minutes.

volume	product code
200ml	M 94020

<Product information>

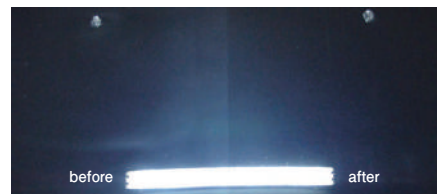
consumption	4 cars /200ml	durability	180 days
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New

Maintenance Agent for High Tech X1 Series (Gloss · Slick type)

Product features	Super slick Glossy finish
------------------	------------------------------

Maintenance Agent for all High Tech X1 Series. It enhances gloss and super slick effect by applying regularly.



<example>

① Wash and dry well then spray Maintenance agent on a Microfiber Cloth.

② Apply evenly and wipe off without leaving unwiped spots.

③ It dries completely 30 minutes later.

volume	product code
200ml	M 95020

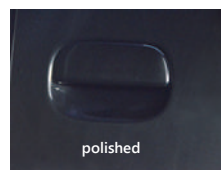
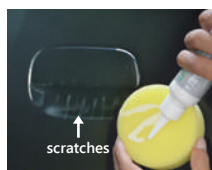
<Product information>

consumption	4 cars /200ml	durability	180 days
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Scratch Remover for High Tech X1 Series

Product features	Scratch removing Glossy finish
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Scratch Remover can fill up fine scratches and make it glossy again.

**① Coating****② Finish**

<example>

① Wash and dry well then put Scratch Remover on a soft sponge.

② Scrub well to remove scratches and stains.

③ Wipe off immediately after applied then finished.

volume	product code
100ml	M 90200

<Product information>

specification	water based	grade	fine
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Certificate Book for High Tech X1 Series



The list of the goods subjected
High Tech X1 Diamond Coat
High Tech X1 Body Coat 8500
High Tech X1 SILICA COAT
High Tech X1 ECO COAT 7000
High Tech X1 Quick Cure Coat

volume	product code
certificate book 1 pc	M 60105

Stickers



① High Tech X1 Diamond Coat Sticker Clear



② High Tech X1 Diamond Coat Sticker Black



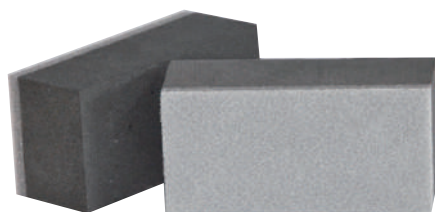
③ Sticker for all High Tech X1 Series

volume	product code
sticker ① 1 pc	M 60203
sticker ② 1 pc	M 60204
sticker ③ 1 pc	M 60201

*Certificate book is sold along with High Tech X1 Series. Can't be sold individually.
*Certificate book is in Japanese.

Material

Special Applicator Sponge



Exclusively made to apply glass coating. Sponge is layered of 3 different materials (soft fiber, premium urethane and gum board). It will keep hands clean during application.

	volume	product code
○	1 pc	M 20101
	10 pcs	M 20110

<Product information>

size	50×100×35mm
------	-------------

Special Applicator Cloth



Exclusively made to apply glass coating. Fold 3 times and soak with liquid. It helps to apply small area where Special Applicator Sponge is too big to apply.

	volume	product code
○	5 pcs	M 20205
	10 pcs	M 20210

<Product information>

size	210×210mm
------	-----------

Microfiber Cloth



Excellent for applying and wiping off liquid. Extra soft surface doesn't damage paint surface.



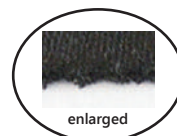
*3pcs are packed in the box.

	volume	product code
○	3 pcs	M 20603
	10 pcs	M 20610

<Product information>

size	300×400mm	material	polyester 80% nylon 20%
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Super Microfiber Cloth (Black)



Super fine Microfiber Cloth enables to see dusts when you wipe off. It doesn't leave fluffs when you wipe off coating.

	volume	product code
○	1 pc	M 20701

<Product information>

size	300×400mm	material	polyester100%
------	-----------	----------	---------------

*It can unexpectedly dye other clothes so do not wash together.

Repair Agent (within 24 hours)

Necessary item to re-apply High Tech X1 Series.

※High Tech X1 Quick Cure Coat can not be removed by this product.

<example>



	volume	product code
○	300ml	M 90303
	2L	M 90320

<Product information>

liquid pH	neutral
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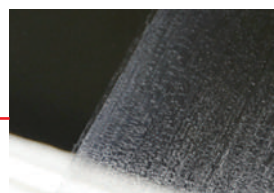
1 Apply

Apply Repair Agent on a Special Applicator Sponge.



2 Coating

Apply gently to the coated surface.
*Cover other area to prevent from adhesion.



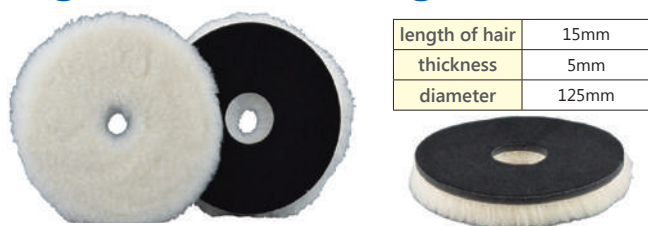
3 React

Repair agent reacted with coating layer. Add more liquid to remove completely.



4 Finish

Right side is removed. Wipe off with Microfiber Cloth again and re-apply glass coating.

Recommend for One Step Polish**Long Wool Polishing Pad 130φ**

Long wool keep compound efficiently to polish without leaving swirls. Compatible with One Step Polishing system.

volume	product code
1 piece	M 10202

<Product information>	function	medium~finish	size	130×130×20mm
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Recommend for One Step Polish**Long Wool Polishing Pad 130φ (10mm thickness)**

It takes over the original Long Wool Polishing Pad 130φ and also improves cushionings to be more controllable. Compatible with One Step Polishing System.

volume	product code
1 piece	M 10204

<Product information>	function	medium~finish	size	130×130×25mm
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Wool Polishing Pad 130φ (Densely Type)

Densely constructed wool polishing pad 130φ can minimize the swirl problems. Compatible with gear action and dual action polisher.

volume	product code
1 piece	M 10301

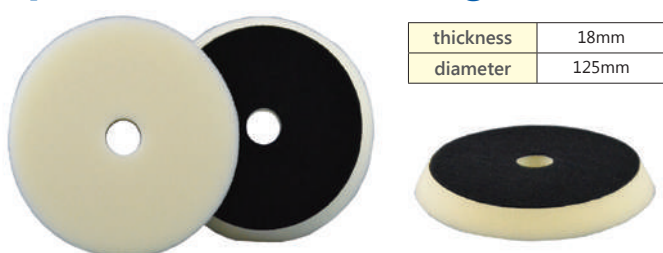
<Product information>	function	coarse~medium	size	130×130×12mm
-----------------------	----------	---------------	------	--------------

Wool Polishing Pad 130φ (Slit Type)

Slit constructed wool polishing pad 130φ is superior to remove scratches. Compatible with gear action and dual action polisher.

volume	product code
1 piece	M 10401

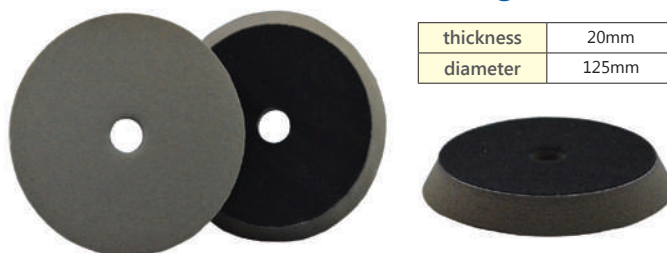
<Product information>	function	coarse~medium	size	130×130×15mm
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Recommend for One Step Polish**Taper Urethane Polishing Pad 150φ**

Premium soft urethane sponge pad can achieve mirror-look finish. Compatible with dual action polisher.

volume	product code
1 piece	M 11101

<Product information>	function	finish	size	150×130×18mm
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Compatible with One Step Polish**Compressed Sponge Polishing Pad 150φ**

Compressed Sponge Pad can polish stronger than conventional soft sponge pad. Suitable to polish curvy surface and plastic parts.

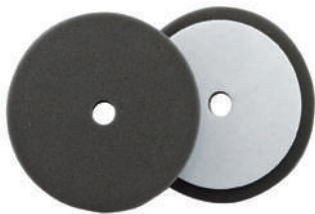
volume	product code
1 piece	M 11401

<Product information>	function	medium~finish	size	150×130×20mm
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Material

Compatible with One Step Polishing System

Sponge Polishing Pad 160φ (10mm thickness type)



thickness	10mm
diameter	125mm



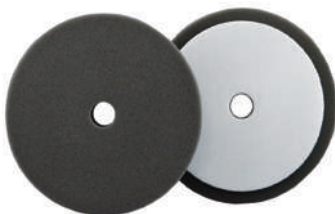
Thin urethane sponge pad 160φ is compatible with dual action polisher and gear action polisher. Thin pad enables to polish more detail.

volume	product code
1 piece	M 11002

<Product information>	function	finish	size	160×135×17mm
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Compatible with One Step Polishing System

Sponge Polishing Pad 160φ (20mm thickness type)



thickness	20mm
diameter	125mm



Thick urethane sponge pad 160φ is compatible with dual action polisher and gear action polisher. Suitable to polish curvy surface.

volume	product code
1 piece	M 11001

<Product information>	function	finish	size	160×135×30mm
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Compatible with One Step Polishing System

Long Wool Polishing Pad 160φ



length of hair	15mm
thickness	10mm
diameter	150mm

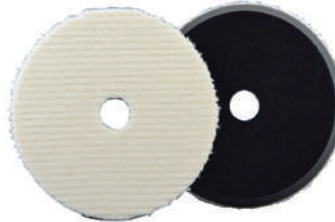


Long wool keep compounds efficiently to polish without leaving swirls. Compatible with One Step Polishing System.

volume	product code
1 piece	M 10203

<Product information>	function	medium~finish	size	160×160×25mm
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Short Wool Polishing Pad 180φ



length of hair	5mm
thickness	17mm
diameter	150mm



5mm high density wool polishing pad can remove scratches quickly. It is compatible with rotary polisher and gear action polsiher.

volume	product code
1 piece	M 10501

<Product information>	function	coarse~medium	size	180×160×22mm
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Sponge Polishing Pad 180φ (30mm thickness type)



fine



coarse

30mm premium urethane sponge polishing pad. Use coarse one to remove scratches and use fine one to achieve mirror-look finish.

volume	product code
1 piece (fine)	M 10601

volume	product code
1 piece (coarse)	M 10701

<Product information>	fine	function	medium~finish	size	180×160×36mm
	coarse	function	coarse~medium	size	180×160×36mm

Sponge Polishing Pad 180φ (35mm thickness type)



fine



coarse

35mm premium urethane sponge polishing pad. Use coarse one to remove scratches and use fine one to achieve mirror-look finish.

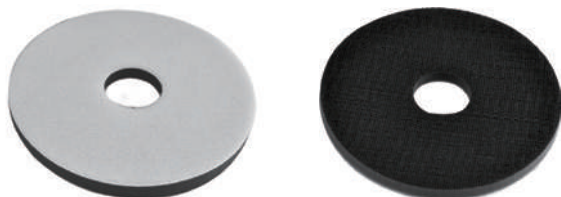
volume	product code
1 piece (fine)	M 10801

volume	product code
1 piece (coarse)	M 10901

<Product information>	fine	function	medium~finish	size	180×160×41mm
	coarse	function	coarse~medium	size	180×160×41mm

Compatible with One Step Polishing System Cushion Spacer Pad 125φ

thickness	6mm
diameter	125mm



Compatible with 125φ- 150φ polishing pads. Both side is made of magic tape and 6mm thick urethane sponge will work as cushion when you polish uneven surface.

volume	product code
1 piece	M 30101

<Product information>

size	125×125×10mm
------	--------------

Compatible with One Step Polishing System Size Converter Pad (130→150φ)

thickness	10mm
diameter	125mm



Taper cushion pad that can convert the pad size from 130φ to 150φ.

volume	product code
1 piece	M 30102

<Product information>

size	150×130×15mm
------	--------------

Gear Action Polisher PEG-132



High power gear action polisher with electric constant torque force control feature creates powerful and stable operation. Compact and light. Removable electric code makes it more useful to use.

volume	product code
1 piece	M 36101

Dual Action Polisher PED-132



High power dual action polisher with electric constant torque force control feature creates powerful and stable operation. Compact and light. Removable electric code makes it more useful to use.

volume	product code
1 piece	M 36102

Polisher RSE-1250



Light and easy to handle. Combination with one step compound, special attachment and special polishing pad can polish efficiently.

volume	product code
1 piece	M 30201

Special Attachment 123φ



It minimize the scratches come from vibration. It can lower the balance so it can speed up your polishing time.
(compatible only with RYOBI Polisher RSE-1250)

<how to replace normal pad with special attachment 123φ>



① Replace normal pad (orange) with Special attachment 123φ.



② Remove 4 screws and make sure to keep them because you will use them to attach special attachment 123φ.



③ Adjust the screw holes and reuse screws that you unscrewed at procedure.

volume	product code
1 piece	M 30301

<Product information>

size	123×123×9mm
------	-------------

Glass Coating
Water Based Coating
Scratch Filler
Wash
Compound
Window
Headlamp
Plastic Resin
Tire
Wheel
Interior
Material
Set

Material

Super Buflex Dry Sheets - #3000 Super Buflex Dry Sheets - #2500



Useful when you polish deeper scratches and tough water spots.

volume	product code
100 pieces (#3000)	M 30410
100 pieces (#2500)	M 30510

<Product information>	function	water spot remover	size	125×125mm
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Super Buflex Pad MW



Exclusively made for Super Buflex Dry Sheets. Put buflex sheets (#3000/#2500) on and polish with dual action polisher.

<how to attach>



① Put on the Special Attachment 123φ.



② Put Buflex sheet on the opposite side.



③ Finish

volume	product code
1 box	M 30602

<Product information>	size	125×125×10mm
-----------------------	------	--------------

Sanding Felt Sponge Sanding Felt Sheet

length of hair	2mm
thickness	43mm



Sanding Felt Sponge

length of hair	2mm
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Sanding Felt Sheet

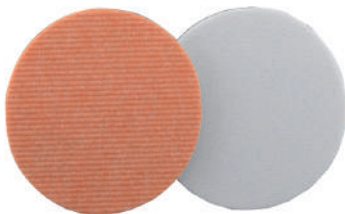
Compatible with Glass Scale Remover Hard / Soft and Metal Polish (Liquid). Use Sanding Felt Sheet to polish small area by hands.

volume	product code
Sanding Felt Sponge 1 piece	M 21901

volume	product code
Sanding Sheet Felt 1 piece	M 21801

<Product information>	Sanding Felt Sponge	size	98×45×25mm
	Sanding Felt Sheet	size	98×98×2mm

Polishing Felt 130φ for Dual Action Polisher



length of hair	2mm
thickness	6mm
diameter	125mm



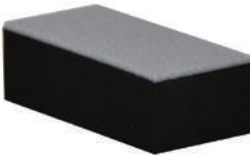
Compatible with Water Spot Remover for Window (Soft) (Hard). You can polish faster with dual action polisher.

volume	product code
1 piece	M 34101

<Product information>	size	130×130×8mm
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Room Cleaner Brush 30mm thickness type Room Cleaner Brush 5mm thickness type

length of hair	2mm
thickness	30mm

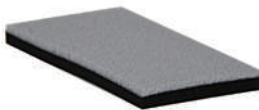


Room Cleaner Brush 30mm thickness type

length of hair	2mm
thickness	5mm



side view



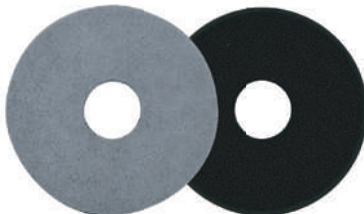
Room Cleaner Brush 5mm thickness type

volume	product code
1 piece (30mm)	M 20501

volume	product code
1 piece (5mm)	M 20502

<Product information>	30mm	size	100×50×32mm
	5mm	size	100×50×7mm

Room Cleaner Pad 130φ for Dual Action Polisher



length of hair	2mm
thickness	5mm
diameter	125mm



Tiny brushes can scrape stains out .
Compatible with dual action polisher.

volume	product code
1 piece	M 30701

<Product information>	size	130×130×7mm
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Handy Buffing Sponge



Handy Buffing Sponge (Large) Handy Buffing Sponge (Small)

Specially designed buffing sponge applied by hand. Hard synthetic rubber makes it more stable when you apply Fluorocarbon Polymer Coating. It can speed up your work.

volume	product code
1 piece (Large)	M 20401

volume	product code
1 piece (Small)	M 20301

<Product information>

size	135×78×33mm
size	88×58×33mm

Premium Urethane Sponge



Durable Urethane Sponge suitable for washing and coating. Flexible sponge can wash corner and curvy surface.

volume	product code
1 piece	M 24101

<Product information>

size	160×90×40mm
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High Tech X1 - 8500 · Diamond Coat Double Coating Set

<content>



High Tech X1 Body Coat 8500 50ml	x 1
Diamond Coat 50ml	x 1
Special Applicator Cloth	x 2
Special Applicator Sponge	x 2
Microfiber Cloth	x 6
Certificate book/sticker	x 1

All-inclusive set contains everything you need for proper application of High Tech X1 Diamond Coat and High Tech X1 Body Coat - 8500. 2 different coatings can be layered and you can achieve durable hydrophobic effect on your car for long time.

volume	product code
1 set	N 10070

High Tech X1 Diamond Coat Set

<content>



Diamond Coat 50ml	x 1
Special Applicator Cloth	x 1
Special Applicator Sponge	x 1
Microfiber Cloth	x 3
Certificate book/sticker	x 1

All-inclusive set contains everything you need for proper application of High Tech X1 Diamond Coat. You can achieve durable hydrophobic effect on your car for long time.

volume	product code
1 set	N 10130

High Tech X1 Body Coat 8500 Trial Set

<content>



High Tech X1 Body Coat 8500 150ml	x 1
Maintenance Agent for High Tech Series (gloss·slick type) 100ml	x 1
Repair Agent 200ml	x 1
Special Applicator Cloth	x 2
Special Applicator Sponge	x 2
Microfiber Cloth	x 4
Certificate book/sticker	x 1

All-inclusive set contains everything you need for proper application of High Tech X1 Body Coat 8500. Set contains Coatings, Applicators and Certificate Book.

volume	product code
1 set	N 10011

High Tech X1 Eco Coat 7000 Trial Set

<content>



High Tech X1 Eco Coat 7000 100ml	x 1
Maintenance Agent for High Tech Series (hydrophobic type) 100ml	x 1
Repair Agent 200ml	x 1
Special Applicator Cloth	x 1
Special Applicator Sponge	x 1
Microfiber Cloth	x 3
Certificate book/sticker	x 1

All-inclusive set contains everything you need for proper application of High Tech X1 Eco Coat 7000. Set contains Coatings, Applicators and Certificate Book.

volume	product code
1 set	N 10122

High Tech X1 Quick Cure Coat Trial Set



<content>

High Tech X1 Quick Cure Coat 100ml	x 1
Maintenance Agent for High Tech Series (gloss•slick type) 100ml	x 1
Repair Agent 200ml	x 1
Special Applicator Cloth	x 1
Special Applicator Sponge	x 1
Microfiber Cloth	x 3
Certificate Book/Sticker	x 1

High Tech X1 Quick Cure Coat can cures fast so you don't have to worry about water spot problems. Set includes, Coating, Maintenance Agent, Applicator Sponge, Microfiber Cloth and Certificate Book.

volume	product code
1 set	N 10190

High Tech X1 SILICA Coat Trial Set



<content>

High Tech X1 SILICA Coat 50ml	x 1
Maintenance Agent for High Tech Series (hydrophobic type) 100ml	x 1
Repair Agent 200ml	x 1
Special Applicator Cloth	x 1
Special Applicator Sponge	x 1
Microfiber Cloth	x 3
Certificate Book/Sticker	x 1

High Tech X1 SILICA Coat can fill fine scratches and swirls. Set includes, Coating, Maintenance Agent, Applicator Sponge, Microfiber Cloth and Certificate Book.

volume	product code
1 set	N 10210

High Tech X1 Diamond Coat Maintenance Set



<content>

Maintenance Agent for Diamond Coat 100ml	x 1
Scratch Remover for High Tech Series 100ml	x 1
Microfiber Cloth	x 1
Sponge	x 1

Maintenance Agent for Diamond Coat can maintain hydrophobic and gloss effect longer. Scratch remover can fill fine scratches.

volume	product code
1 set	N 10140

High Tech X1 Series Maintenance Set (Hydrophobic Type)



<content>

Maintenance Agent for High Tech Series (hydrophobic type) 100ml	x 1
Scratch Remover for High Tech Series 100ml	x 1
Microfiber Cloth	x 1
Sponge	x 1

Maintenance Agent for High Tech X1 Series (hydrophobic type) can maintain hydrophobic and gloss effect longer. Scratch remover can fill fine scratches.

volume	product code
1 set	N 10023

High Tech X1 Series Maintenance Set (Gloss · Slick Type)



<content>

Maintenance Agent for High Tech Series (gloss•slick type) 100ml	x 1
Scratch Remover for High Tech Series 100ml	x 1
Microfiber Cloth	x 1
Sponge	x 1

Maintenance Agent for High Tech X1 Series (gloss · slick type) can maintain gloss and slick effect longer. Scratch Remover can fill fine scratches.

volume	product code
1 set	N 10022

Interior Cleaning · Coating Set



<content>

Interior Perfect Cleaner 300ml	x 1
WIPING FREE 300ml	x 1
Seat and Soft Top Coating 200ml	x 1
Room Cleaner Brush	x 1
Room Cleaner Pad	x 1
Microfiber Cloth	x 2

Set contains, Cleaner, Coatings, Brush and Microfiber Cloths. All-inclusive set contains everything you need for proper application.

volume	product code
1 set	N 10200

One Step Polishing Set #1



- <content>
- One Step Compound 500ml x 1
 - Gloss Enhancer 300ml x 1
 - Special Attachment 123φ x 1
 - Long Wool Polishing Pad 130φ x 3
 - Taper Urethane Polishing Pad 150φ x 2

Proudly recommend our original One Step Polishing System for anyone who wishes extremely glossy finish. Set contains, One Step Compound, Gloss Enhancer, Polishing Pad and Special Attachment. Using with RSE-1250 polisher can speed up your work.

volume	product code
1 set	N 10030

One Step Polishing Set #2



- <content>
- One Step Compound Medium 500ml x 1
 - Gloss Enhancer Plus 300ml x 1
 - Special Attachment 123φ x 1
 - Long Wool Polishing Pad 130φ x 3
 - Taper Urethane Polishing Pad 150φ x 2

Upgrade version of our original One Step Polishing System. Set contains, One Step Compound Medium, Gloss Enhancer Plus, Polishing Pad and Special Attachment. Using with RSE-1250 polisher can speed up your work.

volume	product code
1 set	N 10040

One Step Polishing Set #3



- <content>
- One Step Compound Hard 500ml x 1
 - One Step Compound Medium 500ml x 1
 - Long Wool Polishing Pad 130φ x 3

One Step Compound Hard is suitable for harder paint. Using with RSE-1250 polisher can speed up your work.

volume	product code
1 set	N 10150

Metal Polish Set



- <content>
- Metal Polish (Liquid) 200ml x 1
 - Glass Coat for Metal & Wheel 50ml x 1
 - Special Applicator Cloth x 1
 - Sanding Felt Sponge x 1
 - Sanding Felt Sheet x 1
 - Microfiber Cloth x 2

Metal Polish (Liquid) can remove water spot on window trim that often appears on European Cars. Glass Coating for Metal&Wheel can prevent from recurrence. All-inclusive set contains everything you need for proper application.

volume	product code
1 set	N 10160

Headlamp Restoration Set



- <content>
- Headlamp Cleaner Gel 100ml x 1
 - Headlamp Coating 30ml x 1
 - Sanding Felt Sponge x 1
 - Special Applicator Cloth x 1
 - Special Applicator Sponge x 1
 - Microfiber Cloth x 1

Easy to restore foggy headlamps without using any special tools. All-inclusive set contains everything you need for proper application.

volume	product code
1 set	N 10091

※ Keep away from water contact for 2 hours after application

<example>

① Before
Clear coat is faded and turned yellow.

② Apply
Soak into sanding felt sponge and scrub well.

③ Soak
If it is difficult to remove yellow surface, soak into cotton paper and stick to the headlamp surface.


④ Wipe away
Wipe away with a damp cloth.

⑤ Apply Coating
Dry headlamp surface completely then apply Headlamp Coating with a special applicator cloth.

⑥ Wipe away
Wipe away with a dry cloth. Dry for more than 2 hours.

Set

RSE-1250 Set




<content>

- Sander Polisher RSE-1250 x 1
- Special Attachment 123φ x 1
- Long Wool Polishing Pad 130φ x 1
- Super Buflex Pad MW x 1
- Super Buflex Dry Sheet #2500 x 10

volume	product code
1 set	N 10100

Headlamp Restoration Set Pro



<content>

- Headlamp Restorer 100ml
- Headlamp Coating 30ml
- Special Applicator Sponge x 1
- Special Applicator Cloth x 1
- Microfiber Cloth x 1

volume	product code
1 set	N 10092

<example>



1 Before
Headlamp is faded. Looks unclear.

2 Sanding
Prepare the polisher and super buflex pad MW. Put #2500 paper properly and polish headlamp.

3 Polishing
Replace buflex MW Pad with Long wool polishing pad. Put Headlamp Restorer compound on long wool polishing pad and polish headlamp.

4 Apply
Apply headlamp coating #B on special applicator sponge, then apply to the headlamp.

5 Wipe off
Wipe off with Microfiber Cloth without leaving any streaks.

6 Finish
Old headlamp is restored and coated. It looks like new headlamp again.

Window Water Spot Remover Set



<content>

- Water Spot Remover for Window (Hard) 200ml x 1
- Polishing Felt 130φ for Dual Action Polisher x 1
- Sanding Felt Sponge x 1
- Sanding Felt Sheet x 1
- Microfiber Cloth x 1

Combination of Water Spot Remover for Window (Hard) and Polishing Felt 130φ for Dual Action Polisher can remove tough water spot quickly. Sanding Felt Sponge and Sanding Felt Sheet are for smaller area.

volume	product code
1 set	N 10170

Strong Window Coating Plus Trial Set



<content>

- Degreaser for Windshields 100ml x 1
- Strong Window Coating Plus 100ml x 1
- Handy Buffing Sponge x 1
- Special Applicator Sponge x 1
- Microfiber Cloth x 2

Degreaser for Windshield can remove grease easily by hand buffing. Strong Window Coating Plus is super hydrophobic and long lasting.

volume	product code
1 set	N 10080

Leather Care Set
Leather Cleaning & Maintenance Set



<content>

- Leather Cleaner 200ml x 1
- Leather Conditioner 200ml x 1
- Room Cleaner Brush x 1
- Special Applicator Sponge x 1
- Microfiber Cloth x 2

All in one set containing Leather Cleaner, Leather Conditioner and Special Applicator Sponge.

volume	product code
1 set	N 10050

Premium Leather Care Set



<content>

- Premium Leather Cream 35g x 1
- Leather Cleaner 200ml x 1
- Room Cleaner Brush x 1
- Special Applicator Sponge x 1
- Microfiber Cloth x 2

All in one set containing Premium Leather Cream, Leather Cleaner, Leather Cleaner Brush, Special Applicator Sponge and Microfiber Cloth.

volume	product code
1 set	N 10051



Results in business with innovative technology and unique idea (November 15 ,2016)

Our company are certified as a top-rated company for producing results in business with innovative technology and unique idea. We are awarded a testimonial and a commemorative shield by our mayor Mr. Yoshio Kurata at Higashihiroshima Cultural Hall.



Officially certified as a masterpiece in Higashihiroshima. (November 17 ,2015)

Our new product, Hydrophilic Coating was awarded by Higashihiroshima Industry, academia and government money representative, Mayor of Higashihiroshima city, Mr. Yoshio Kurata. We received certificate and Commendation Shield.



“Best Hint” award at “New Value Creation Exhibition 2014”(November 21 ,2014)

About 5 hundred companies which pass the elimination of screening application could exhibit and among 5 hundred companies, only 9 including us were awarded for most creative, innovative company. This award will push us forward to create ingenious and unique products in the future.



Polishing System Patent (Patent No 5193277)

Crystal Process Polishing System have acquired patent from Japanese Patent Office (February 8, 2013). Our patented polishing system have following benefits. ①Easy to use, ②Can reduce polishing time, ③Works well for any paint (Self restoring, Scratch Shield, etc) ④Reduce worker's load



Yamaguchi Bank Aid Fund Award (March 5 ,2012)

We have applied the achievement of glass coating to develop the new Electric Circuit Coating CP-50. As a result, our company, as we always try to develop new products with innovative and creative idea, awarded for Yamaguchi Bank Aid Fund Award.



Higashi Hiroshima Creative Design and Manufacturing Award (November 28, 2011)

Higashi Hiroshima Industrial-Academia-Government-Collaboration Council accredited our “Crystal Process Polishing System” and we received certificate. (Certified Number 19)



Hiroshima Venture Supporting Award Silver (June 1, 2011)

We developed “Crystal Polishing System” that enable to achieve mirror finish by 1 step when normally takes 3 steps. This is our second time to be awarded, and it is rare that same company receives twice. We are proud of this and keep trying to create more innovative products.



Higashi Hiroshima Creative Design and Manufacturing Award (December 3, 2009)

Higashi Hiroshima Industrial-Academia-Government-Collaboration Council accredited our “Sudden Resolution” and we received certificate. (Certified Number 8)



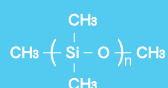
Higashi Hiroshima Creative Design and Manufacturing Award (December 3, 2009)

Our “Sudden Resolution” that removes swirls (White circle that caused by old wax, contaminants, acid rain) were evaluated as user-friendly, unique, original product. We were regarded as one of the promising company in Hiroshima; therefore, we received aid fund and certificate.

TOTAL AUTO CHEMICAL



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