



We focus on the research and development and innovation of environmentally friendly waterborne coatings.  
We provide customers with high-quality, safe and environmentally friendly products.  
We are willing to create value and share wealth with customers and contribute to society.



WASHINTA

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## PRODUCT CATALOGUE

# GONFUMIX

### WATERBORNE AUTOMOTIVE REFINISH

COMPREHNSIVE AND FULL CAPABILITY  
HIGH PERFORMANCE COATINGS  
ADVANCED FORMULA



**WATERBORNE REFINISH**



# GONFUMIX

WATERBORNE AUTOMOTIVE REFINISH



**Low VOC emissions  
Green and environmentally friendly**



**Easy to construct  
and high efficiency**

**Excellent  
covering effect**

## GONFUMIX waterborne automotive refinish

primarily composed of pure waterborne polyurethane resin, is a high-performance, environmentally friendly, low-VOC (volatile organic compound) waterborne solid basecoat.

It offers vibrant, long-lasting color, excellent repair and hiding properties, and is easy to apply. It can be matched to all current OEM vehicle body colors and is ideal for high-quality repair and coating applications in regions with strict environmental regulations.



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Note: The mixing ratio is ratio by volume except as other wise specified.

GONFUMIX WATERBORNE AUTOMOTIVE PAINT LEGEND



Cleaning



Dry sanding by hand



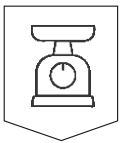
Dry sanding by machine



Wet sanding by hand



Ready for use



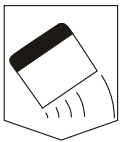
Construction ratio



Pot Life



Use measuring rulers



Use spreader



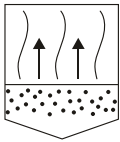
Gravity feed spray gun



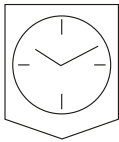
Suction feed spray gun



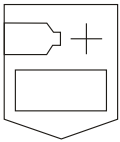
No. of coats



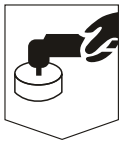
Flash-off time



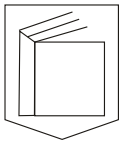
Drying time



Add hardener



Polishing



Refer to product instruction



Construction viscosity

BT-260 Waterborne Epoxy Gray Primer



**Product Description:** This two-component, baking or air-drying waterborne epoxy primer is composed of a waterborne epoxy polymer, various environmentally friendly fillers, pure water, and a small amount of environmentally friendly additives. It offers excellent rust prevention, salt spray resistance, and chemical resistance, and is widely used in the coating of cars, buses, special vehicles, rail transit, and construction machinery.

**Applicable Substrates:** Suitable for hot/cold-rolled steel, aluminum alloy, fiberglass, galvanized steel, and surfaces previously coated with cured two-component waterborne paint/primer, putty, and other materials.

	<b>Substrate preparation:</b> Use Washinta special waterborne degreaser for cleaning and degreasing, using "one wet" and "one dry" degreasing and cleaning
	<b>Substrate preparation:</b> Before spraying, use 240#-320# water grinding for grinding, 120#-180# dry grinding for grinding, and then use Washinta special degreaser for cleaning and degreasing.
	<b>Mixing ratio:</b> BT260 : BT261 : BT Universal ionized water 5 : 1 : 0.3~0.5
	<b>Spray gun use:</b> Lower pot 1.8-2.5mm 2-2.5bar HVIP:1.8-2.2bar
	<b>Spray gun use:</b> Upper pot 1.7-2.2mm 2-2.5bar HVIP: 1.8-2.2 bar
	Two wet spray coats, 40-60 μm thick, until the color covers the substrate. The mixed product must be used within 4 hours at 25°C. Theoretical value: 5-8 m <sup>2</sup> /L.
	<b>Application Precautions:</b> Wear an air protection mask. Only apply the next coat after each coat is completely matte.
	<b>Spraying Time:</b> After spraying the waterborne paint, sanding or applying putty can be done 12-18 hours at 25°C or 60 minutes at 60°C after the surface temperature reaches a completely matte state.

- Notes:**
1. For oxidized iron or cast iron, sandblast to Sa2.5 or power tool rust remover to ST3, with a roughness of 40-70 microns, or pickle until all scale is removed. Paint with added curing agent should be used within 4 hours.
  2. waterborne paint must be dried thoroughly, otherwise it will affect adhesion.
  3. Storage: Store in a cool, dry place (20°C-25°C). Store in the original sealed container for 12 months.














## BT-250 Waterborne 2K Primer

**Product Description:** This two-component, baking- or air-drying, waterborne midcoat is composed of a waterborne hydroxylated acrylic polymer, various environmentally friendly fillers, pure water, and a small amount of environmentally friendly additives. It offers excellent filling, sanding, drying, intercoat adhesion, and water resistance. It is easy to apply, environmentally friendly, and has an extremely low VOC content. It can be widely used in the coating of cars, buses, special vehicles, rail transit, and construction machinery.



**Applicable Substrates:** Suitable for cured two-component waterborne/oil-based epoxy primers, putties, and original paint.

	<p><b>Substrate preparation:</b> Use Washinta special waterborne degreaser for cleaning and degreasing, using "one wet" and "one dry" degreasing and cleaning</p>
 	<p><b>Substrate preparation:</b> Before spraying, use 240#-320# water grinding for grinding, 180#-240# dry grinding for grinding, and then use Washinta special degreaser for cleaning and degreasing.</p>
	<p><b>Mixing ratio:</b> BT250 : BT251 : BT Universal ionized water</p> <p>8 : 1 : 0.5~1</p>
	<p><b>Spray gun use:</b> Lower pot 1.8-2.5mm 2-2.5bar HVIP:1.8-2.2bar</p>
	<p><b>Spray gun use:</b> Upper pot 1.7-2.2mm 2-2.5bar HVIP: 1.8-2.2 bar</p>
 	<p>Two wet spray coats, 60-80 μm thick, until the color covers the substrate. The mixed product must be used within 2 hours at 25°C. Theoretical value: 5-8 m2/L.</p>
 	<p><b>Application Precautions:</b> Wear an air protection mask. Only apply the next coat after each coat is completely matte.</p>
	<p><b>Spraying Time:</b> After the waterborne paint is sprayed, the paint surface is completely matte 2-3 hours/25°C or 60°C/30min. After the sheet temperature reaches the plate temperature, it can be sprayed with Huaxin special waterborne/oil-basecoat or topcoat after polishing.</p>

**Notes:**












1. Baking temperature and workpiece temperature begin when they reach 60°C.
2. Storage: Store in a cool, dry place (20°C-25°C) with the original lid closed for 12 months.

## BT-Waterborne 1K Basecoat

**Product Description:** Composed of pure waterborne polyurethane resin, imported pigments, aluminum powder, and mica, it offers high performance, excellent hiding power and vividness, easy color matching, strong metallic effects, high shimmer, and minimal variation between wet and dry samples, meeting the color matching requirements of today's OEM vehicles.



**Applicable Substrates:** Sanded original high-temperature paint, fully cured refinish paint, and WASHINTA's oil-based and waterborne two-component mid-coat primers (excluding alloy primers and epoxy primers).

	<p><b>Substrate preparation:</b> Use Washinta special waterborne degreaser for cleaning and degreasing, using "one wet" and "one dry" degreasing and cleaning.</p>
 	<p><b>Substrate preparation:</b> Before spraying, use 800#-1000# water grinding for grinding, 400#-600# dry grinding for grinding, and then use Washinta special degreaser for cleaning and degreasing.</p>
	<p><b>Mixing Ratio:</b></p> <p>BT waterborne Paint : BT General Ionized Water 100 / Metallic Paint Ionized Water 101</p> <p>BT1K Series : Ionized Water</p> <p>100 : 15~30</p> <p>Note: For metallic paint (silver powder, pearl), use the BT-1011k waterborne metallic paint dedicated ionized water spray gun.</p>
	<p><b>Spray gun use:</b> Lower pot 1.4-1.6mm, 2-2.5 bar, HVIP: 1.8-2.2 bar.</p>
	<p><b>Spray gun use:</b> Upper pot 1.2-1.5mm, 2-2.5 bar, HVIP: 1.8-2.2 bar.</p>
 	<p>Apply two wet spray coats and one mist spray coat, achieving a film thickness of 20-30 μm, until the basecoat color covers the substrate. After the basecoat is completely matte, apply Washinta Special Oil-Based or waterborne Clearcoat.</p>
 	<p><b>Application Precautions:</b> Wear an air protection mask. Only apply the next coat after matte finish between coats.</p>
	<p><b>Spraying Time:</b> After the waterborne paint is sprayed and the surface is completely matte, apply any 2K Washinta Special Oil-Based Clearcoat or 2K GONFUMIX waterborne Clearcoat within 2 hours.</p>

**Notes:**

1. Newly opened cans of toners must be stirred thoroughly with a paint mixing stick and then stirred in the paint mixer for 15 minutes. Toners in the paint mixer should be stirred for 15 minutes each morning and afternoon before mixing. The recommended storage temperature for spraying is between 5°C and 35°C. Mixed waterborne car paint must be used within 4 hours. (Spraying on bare metal or putty is not recommended.)
2. waterborne paint must be dried thoroughly, otherwise it will affect adhesion.
3. Storage: Store in a cool, dry place (20°C-25°C). Store in the original sealed container for 18 months.

## BT-880 2K Waterborne Glossy Clearcoat

**Product Description:** This environmentally friendly new product uses water instead of organic solvents. Using water as the dispersion medium, it is non-flammable and non-explosive, and can be diluted and cleaned with water. This two-component, air-drying or low-temperature baking waterborne clearcoat, composed of a waterborne hydroxylated acrylic polymer, offers a rich, glossy appearance, excellent hardness and flexibility, outstanding water and salt spray resistance, and easy application. Its extremely low VOC content meets stringent environmental regulations and is widely used in various types of transportation vehicles, including bridges, buses, and railways, as well as in applications requiring high finishes.



**Applicable Substrates:** Pre-painted, matte, and clean surfaces of waterborne/oil-based one-component metallic paint or one-component solid color paint.

	<b>Substrate preparation:</b> Use a dusting cloth to lightly dust the surface of the 1K waterborne/oil-based one-component metallic paint or solid color paint that has been sprayed.
	<b>Mixing Ratio:</b> BT waterborne Clearcoat : BT waterborne Clearcoat Hardener : BT Universal Ionized Water <b>3 : 1 : 0.7~1</b>
	<b>Spray gun use:</b> Lower pot 1.5-1.8mm 2-2.5bar HVIP; 1.8-2.2bar
	<b>Spray gun use:</b> Upper pot 1.3-1.5mm 2-2.5bar HVIP: 1.8-2.2bar
	2 coats of wet spray paint film thickness 40-60um
	Construction precautions: wear an air protection mask, and wait 15-20 minutes between each coat before spraying the next coat (the milky white color completely disappears).
	Natural drying (above 20°C) for 24 hours, let it stand for 20 minutes, then bake the board surface temperature at 60°C/2 hours, bake with short-wave infrared at a distance of 50-100cm, and bake for 2 hours.

### Notes:

1. Baking temperature and workpiece temperature begin when they reach 60°C.
2. Storage: Store in a cool, dry place (20°C-25°C) with the original lid closed for 12 months.

## BT-880 2K Waterborne Glossy Clearcoat Precautions



1. Spraying temperature: 20-30°C, relative humidity: 40-65%.
2. When mixing, be sure to shake the entire can of waterborne clearcoat thoroughly before pouring it out for use.
3. **First add the waterborne hardener for clearcoat according to the mixing ratio and stir thoroughly before adding the waterborne BT-100 universal deionized water and stirring thoroughly.**
4. The mixing ratio for waterborne clearcoat is by weight. Viscosity is adjusted as needed, with a viscosity of 18-22 seconds.
5. Apply two coats of wet spray. No need to deliberately press the spray gun. If you notice any gaps, you can reapply them without affecting the overall leveling or the final finish.
6. Flash-off time is 10-15 minutes. The clearcoat should be surface-dry and clear. If spraying is not done with the clearcoat surface-dry, the clearcoat will not dry completely, or even the basecoat may never dry.
7. If baking is required, allow the paint to level for at least 25 minutes. Baking can only begin after the clearcoat surface is dry and clear. Baking at 60°C requires two hours (starting when the panel reaches 60°C).
8. Do not spray waterborne clearcoat over oil-based 1K basecoat. Doing so will result in loss of adhesion and the risk of run-off.

## BT-100 Deionized Water for waterborne Solid Paint (Universal Deionized Water)

### Product Description:

Use with two-component and one-component paints, including waterborne epoxy, 2k primer, basecoat (one- and two-component), and waterborne clearcoat. It effectively adjusts the viscosity of waterborne paint and provides a better dilution effect.

### Precautions:

Do not add too much, as excessive addition can cause dripping, poor finish, and other paint defects.

## BT-1011K Deionized Water for waterborne Metallic Paint

### Product Description:

This product maintains the viscosity of waterborne metallic paint, preventing dripping during spraying. It also improves the uniformity of the paint surface and the alignment of the silver powder and pearls. However, it will slow down the drying time.

### Precautions:

Adding deionized water alone to waterborne silver paint in an inappropriate proportion, combined with inconsistent application techniques, can easily lead to thickening, black spot accumulation, and blooming. To avoid these problems, standard mixing ratios and application methods must be used.

## BT-200 1K Waterborne Blended Resin

### Product Description:

This blended resin is added when mixing white pearl finishes. The amount can be adjusted based on the amount of pearls used. When mixing pigmented paints, silver powder, and pearls, the addition amount should not exceed 30%.



## BT-201 1K Waterborne Flip Controller

### Product Description:

This is a flip controller for the front and side surfaces of silver powder paints. The addition amount should not exceed 30%.

## BT-202 1K Waterborne Viscosity Balancing Resin

### Product Description:

It provides excellent anti-blooming properties for some colors prone to spraying. The addition amount is 3-5%.

## BT-885 2K Waterborne Hardener for Clearcoat

### Product Description:

This waterborne hardener is specifically formulated for the BT series of waterborne clearcoats. It features yellowing resistance and high hardness. When mixing and applying, the clearcoat and hardener must be thoroughly stirred before adding deionized water. Stir thoroughly again before spraying.

### Notes:

1. Hardener is sensitive to moisture and easily expands and solidifies after absorbing water. Therefore, use the curing agent as soon as possible after opening the can. If not completely used, seal the can tightly and store in a cool, well-ventilated place, avoiding direct sunlight.
2. Waterborne paint must be dried thoroughly, otherwise it will affect adhesion.
3. Storage Conditions: Store in a cool, dry place at 20°C to 25°C. Store in the original sealed container for 12 months.

## Precautions:

### 1. Wrinkled Coating

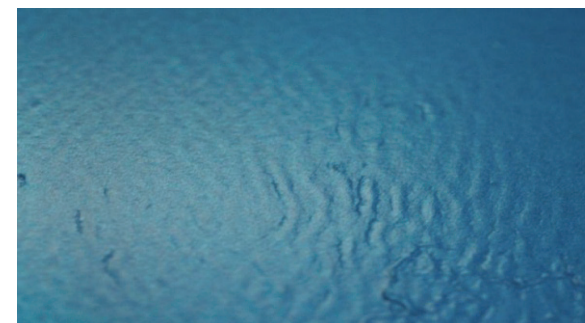


Wrinkles in the coating can be caused by factors such as excessive air pressure, too close a blowgun, or excessive film thickness applied in one spray.

### 2. Cracked Coating



Cracks can be caused by applying too thick a film in one spray, low humidity, or too close a blowgun. This is especially important for solid-colored, waterborne polyurethane primers.



Surfaces prone to wrinkles at humidity levels above 80%



Surfaces prone to wrinkles due to different spraying conditions

1K waterborne paint should not be stored for extended periods after adding deionized water. Long-term storage of waterborne paint should be handled according to your needs and circumstances. If used as a primer, consider whether to use it properly. This can affect the finish and quality, so use with caution and pay attention to the storage time.